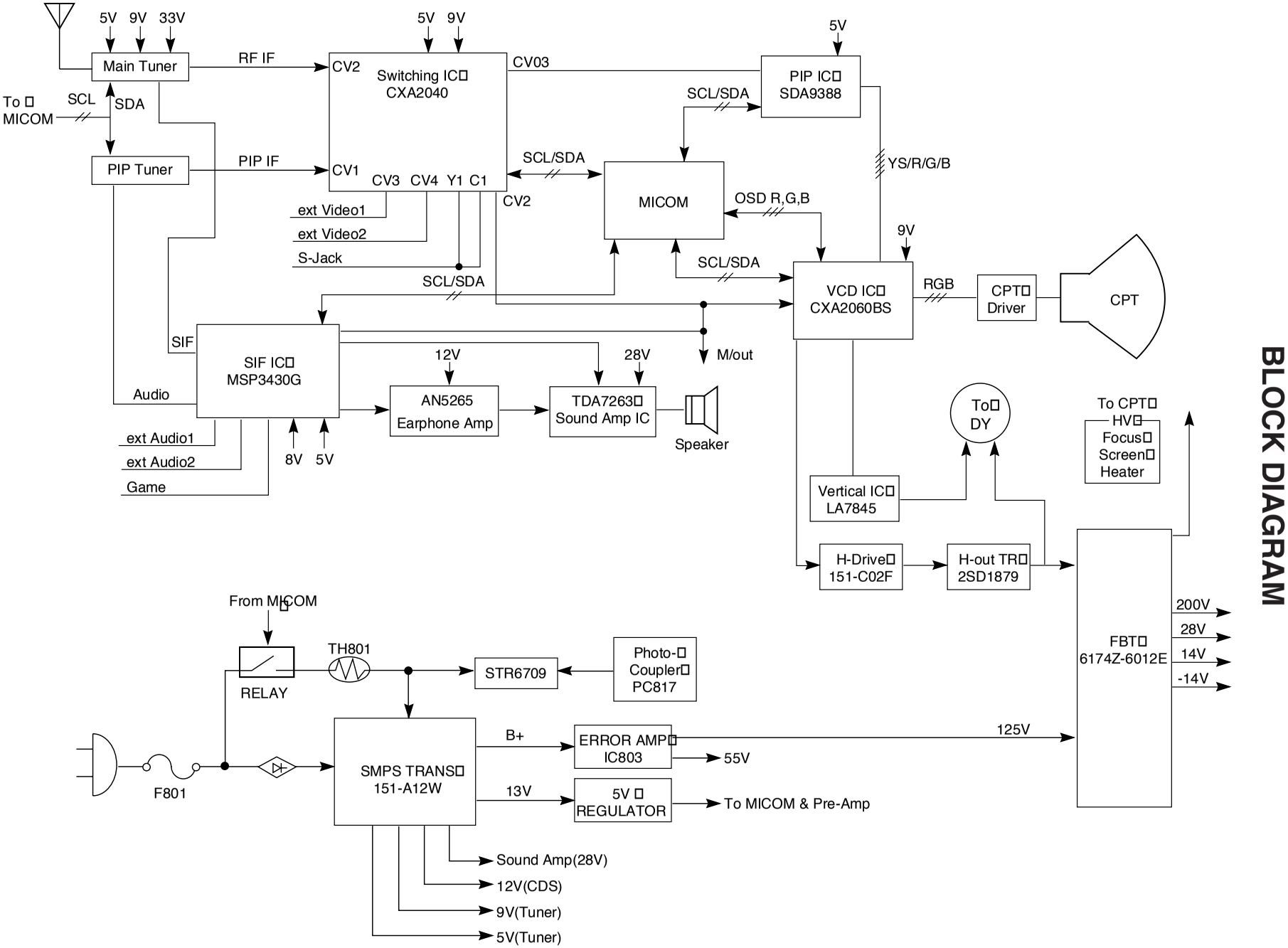
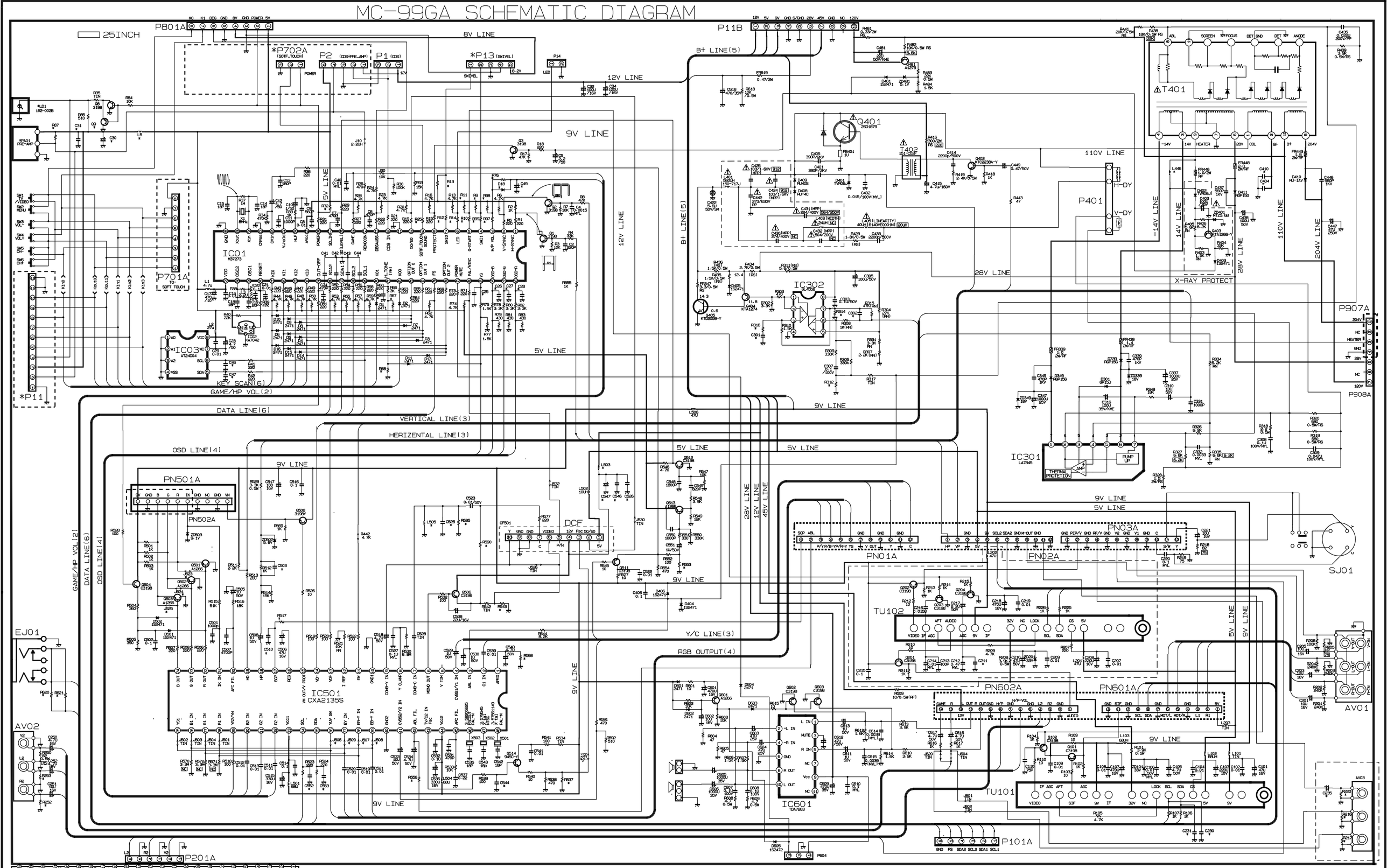
BLOCK DIAGRAM



MC-99GA SCHEMATIC DIAGRAM



B+ / DATA / SIGNAL BUS LINE

B+ LINE

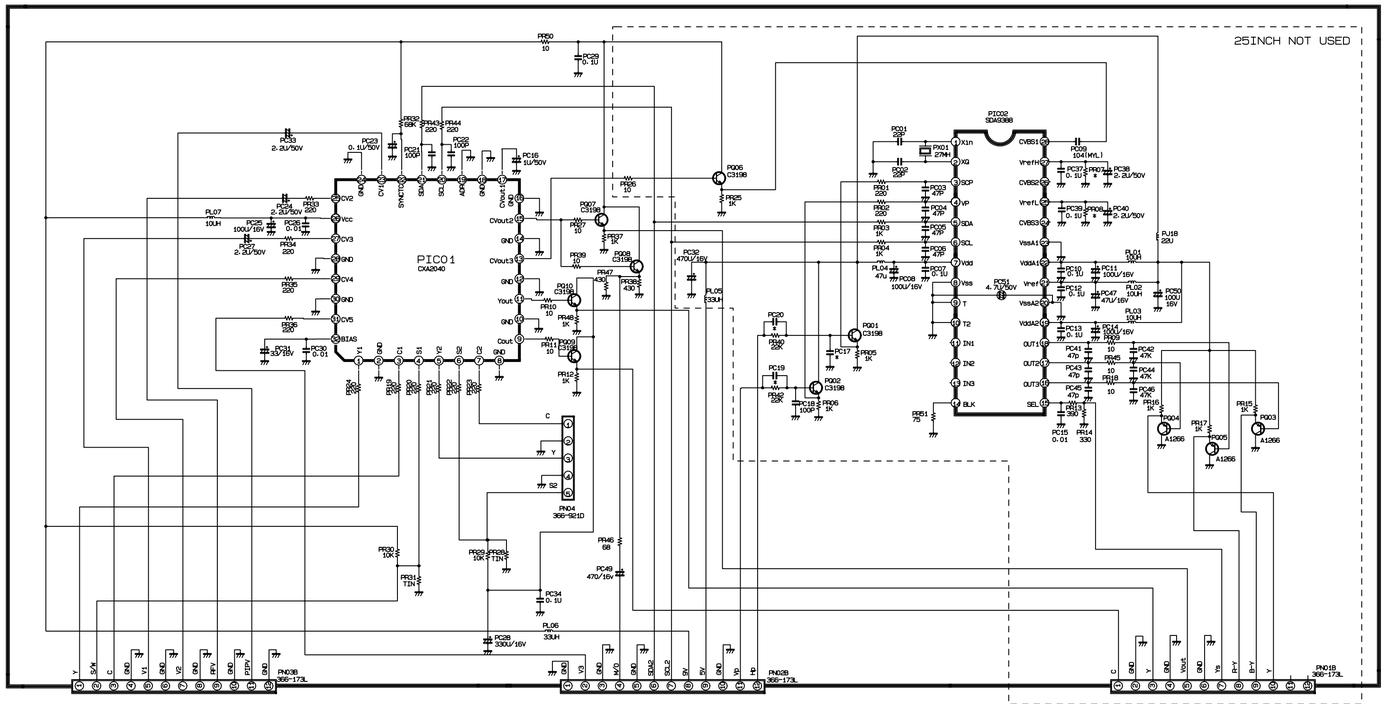
DATA / SIGNAL LINE

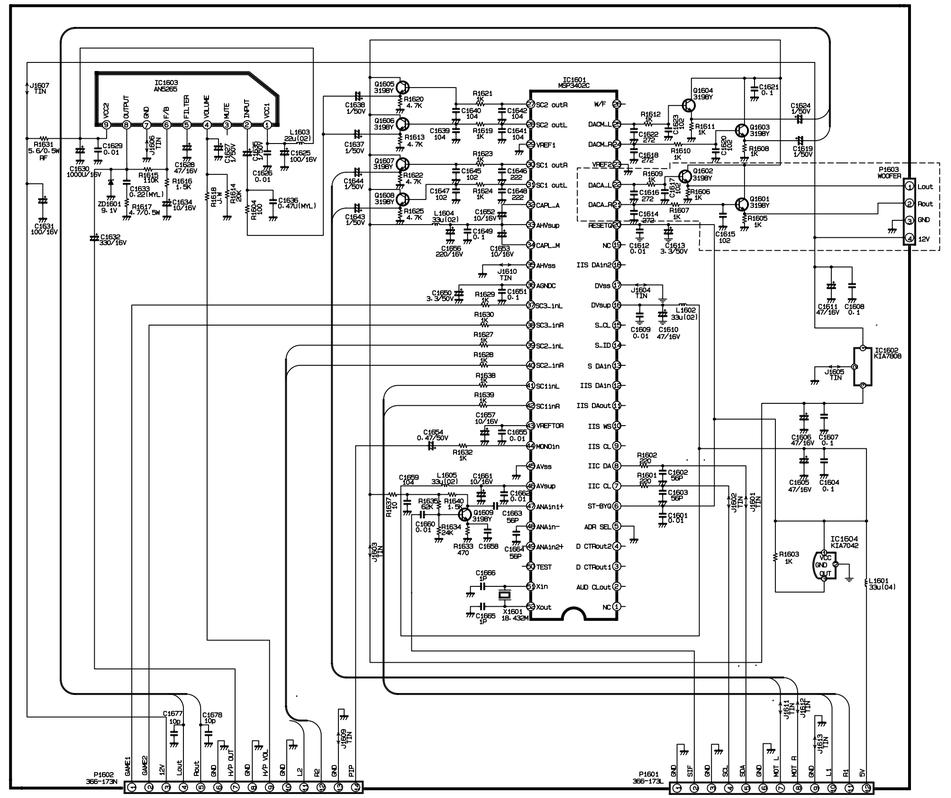
WARNING BEFORE SERVICING THIS CHASSIS, READ 'X-RAY RADIATION PRECAUTION,' 'SAFETY PRECAUTION' AND PRODUCT SAFETY NOTICE IN THIS MANUAL

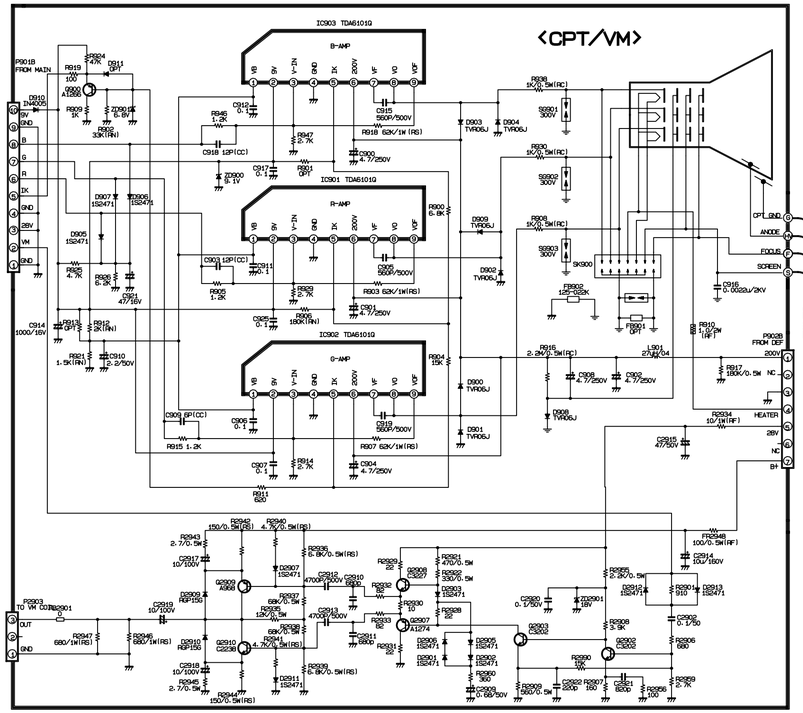
CAUTION : THE MARKS IN THE SCHEMATIC DIAGRAM AND THE PARTS LIST DESIGNATE COMPONENTS WHICH HAVE SPECIAL CHARACTERISTICS FOR SAFETY. AND SHOULD BE REPLACED ONLY WHICH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE PARTS LIST. BEFORE REPLACING ANY OF THESE COMPONENTS, READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THIS MANUAL.
DO NOT DEGRADE THE SAFETY OF THE RECEIVER THROUGH IMPROPER SERVICING.

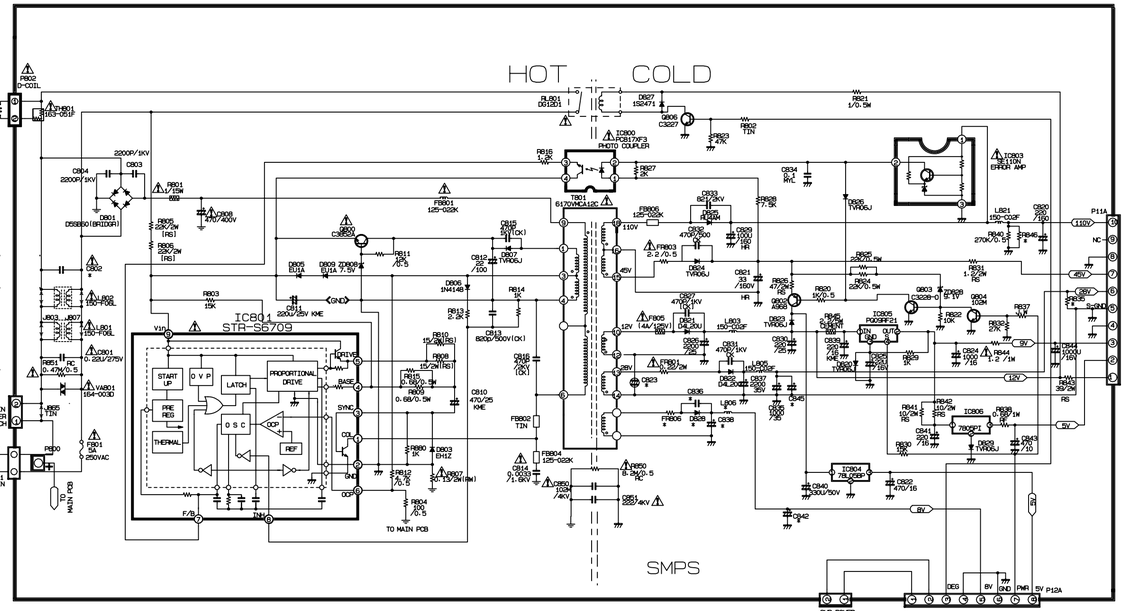
MC-99GA FLAT
2000.03.01
3854VA0046B

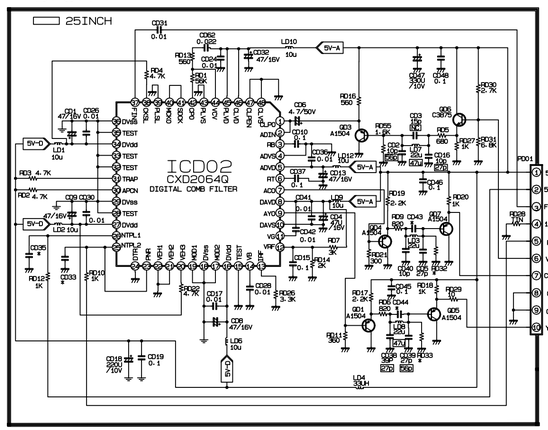
MC-99GA SUB SCHEMATIC DIAGRAM





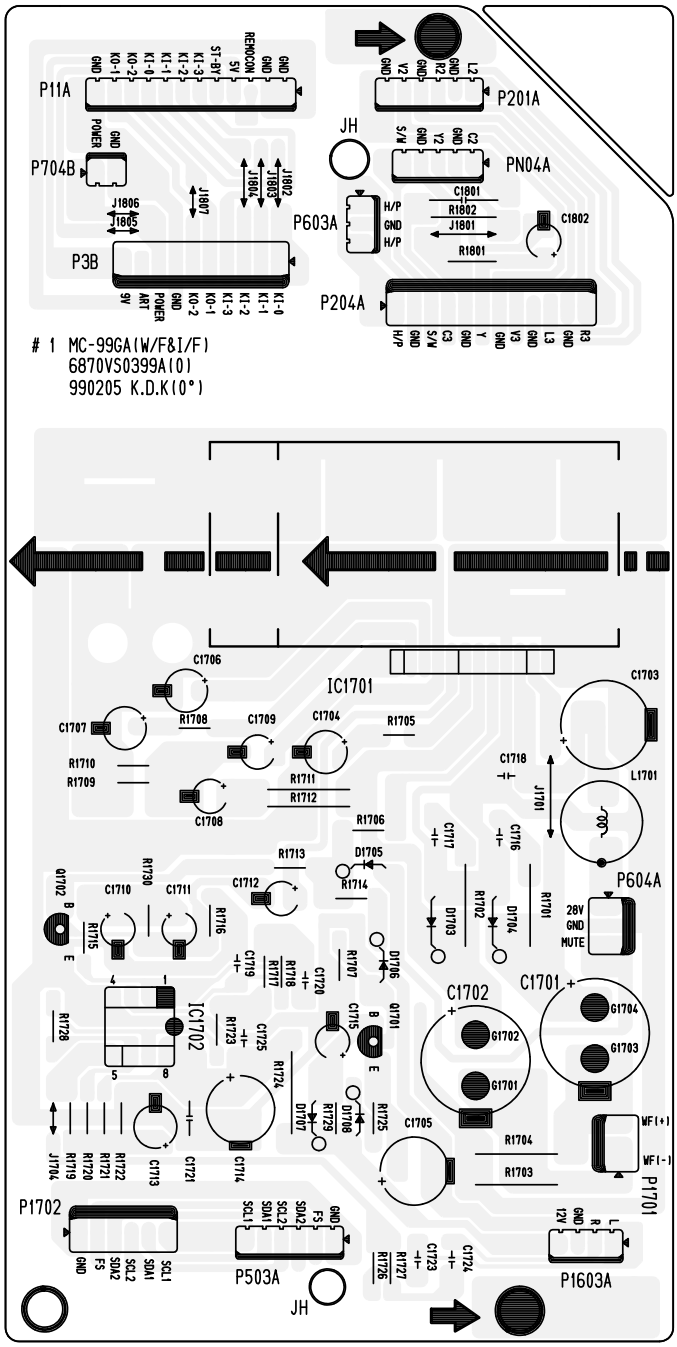




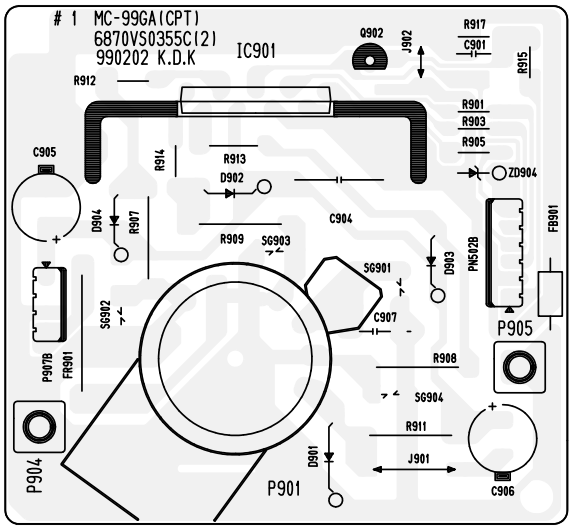


MC-99GA FLAT
2000.03.01
3854VA0034B

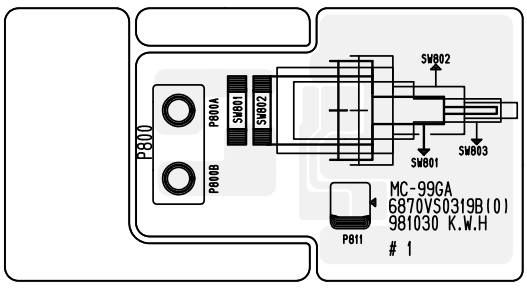
W/F & I/F



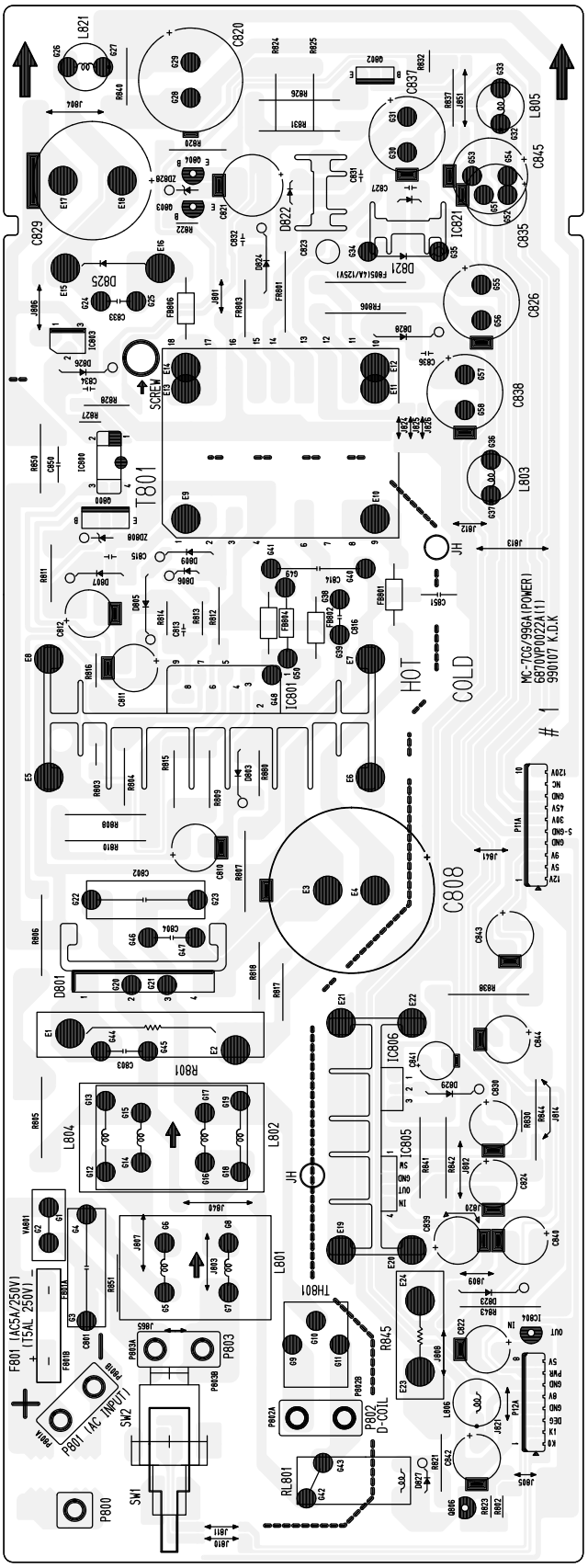
CPT



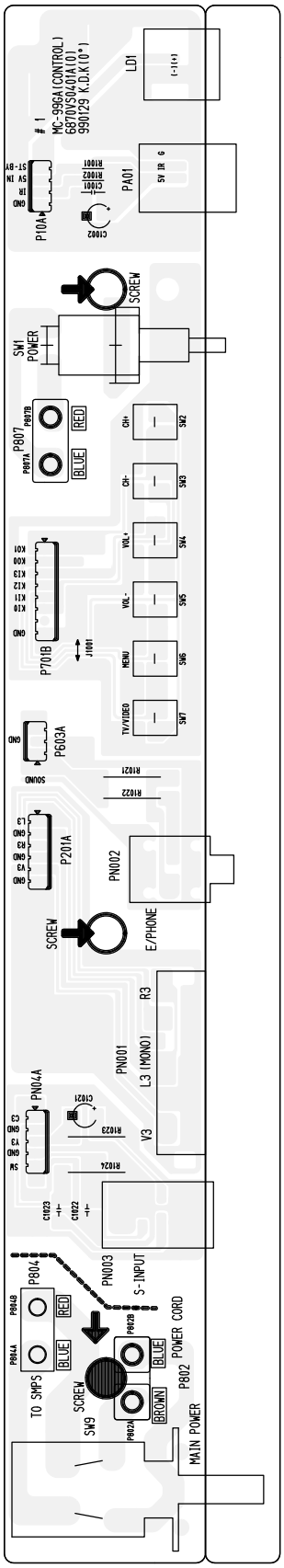
POWER S/W



POWER

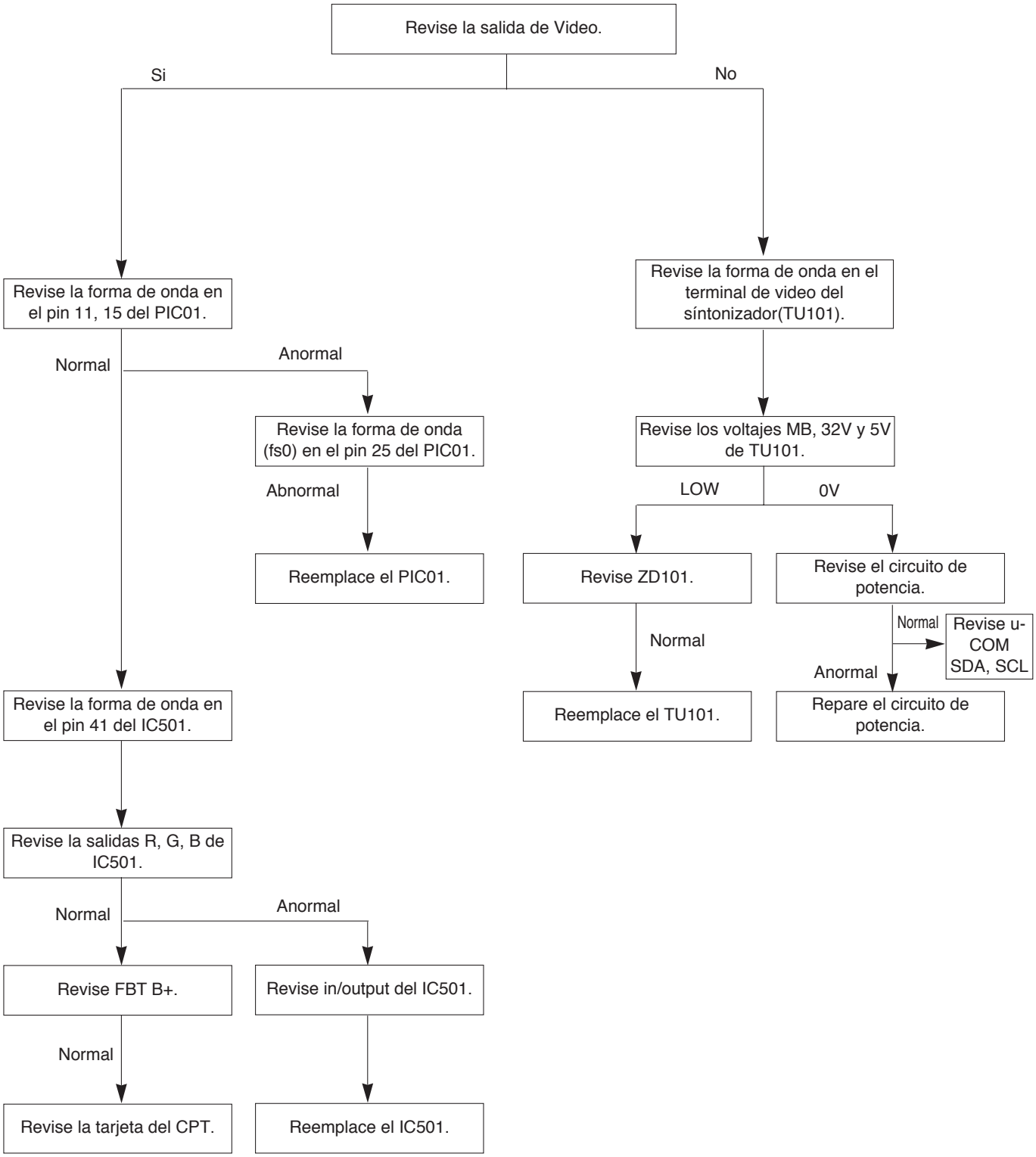


CONTROL

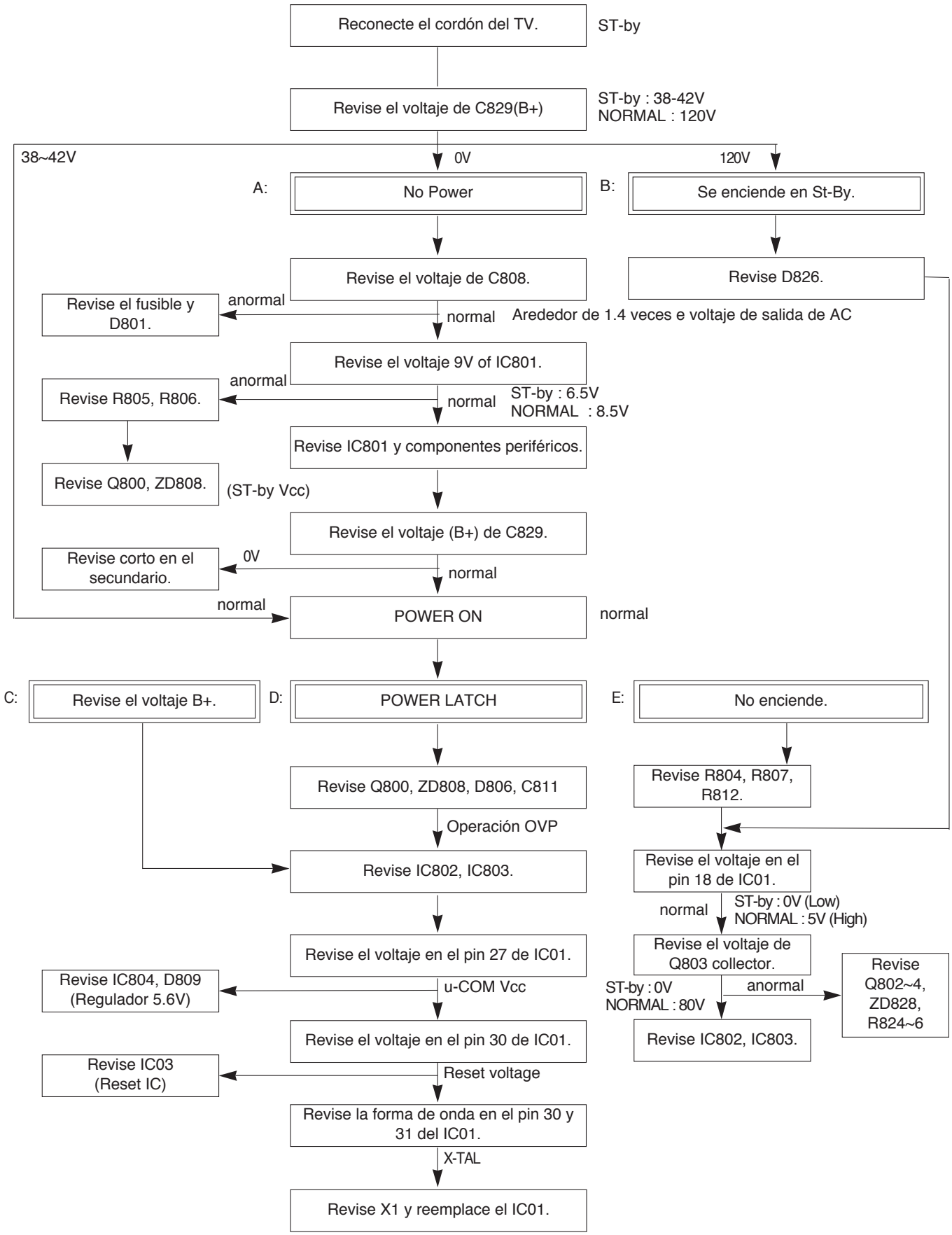


BUSQUEDA DE FALLAS

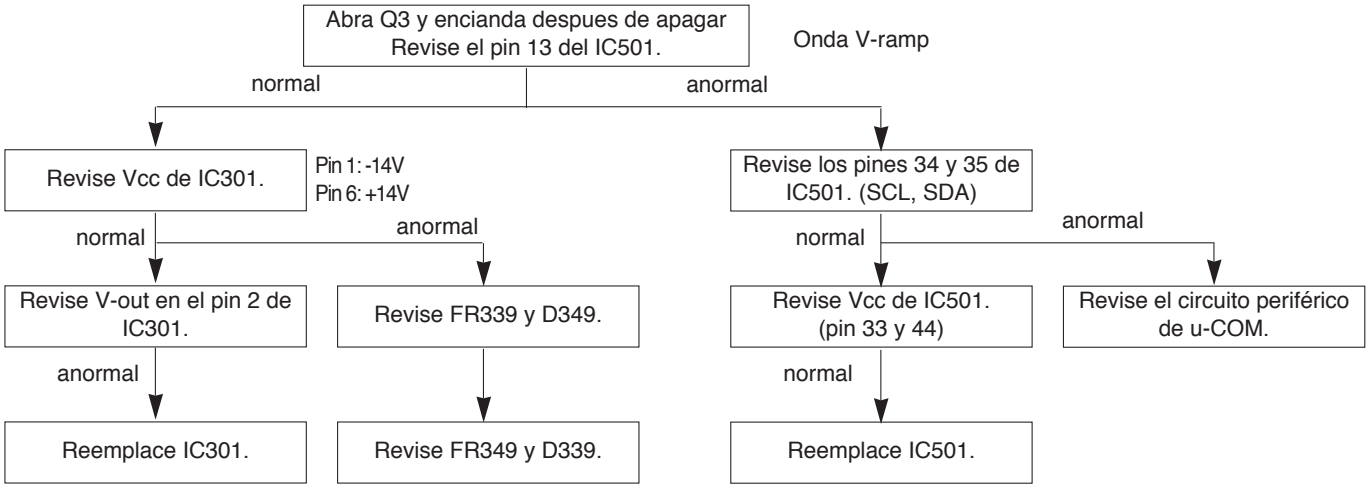
1. No Hay Video


Revise la salida de Video.
Si
No
Revise la forma de onda en el pin 11, 15 del PIC01.
Normal
Anormal
Revise la forma de onda (fs0) en el pin 25 del PIC01.
Abnormal
Reemplace el PIC01.
Revise la forma de onda en el pin 41 del IC501.
Revise la salidas R, G, B de IC501.
Normal
Anormal
Revise FBT B+.
Revise in/output del IC501.
Normal
Revise la tarjeta del CPT.
Reemplace el IC501.
Revise la forma de onda en el terminal de video del síntonizador(TU101).
Revise los voltajes MB, 32V y 5V de TU101.
LOW
0V
Revise ZD101.
Normal
Reemplace el TU101.
Revise el circuito de potencia.
Normal
Revise u-COM SDA, SCL
Anormal
Repare el circuito de potencia.

2. No Power

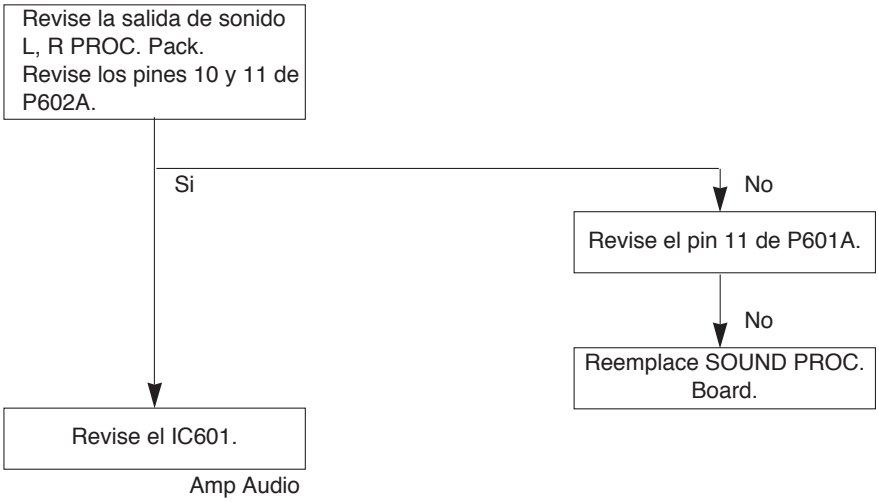

Reconecte el cordón del TV.
ST-by
Revise el voltaje de C829(B+)
ST-by : 38-42V
NORMAL : 120V
38~42V
0V
120V
A:
No Power
B:
Se enciende en St-By.
Revise el voltaje de C808.
Revise D826.
Revise el fusible y D801.
anormal
normal
Aredeor de 1.4 veces e voltaje de salida de AC
Revise el voltaje 9V of IC801.
Revise R805, R806.
anormal
normal
ST-by : 6.5V
NORMAL : 8.5V
Revise IC801 y componentes periféricos.
Revise Q800, ZD808.
(ST-by Vcc)
Revise el voltaje (B+) de C829.
Revise corto en el secundario.
0V
normal
normal
POWER ON
normal
C:
Revise el voltaje B+.
D:
POWER LATCH
E:
No enciende.
Revise Q800, ZD808, D806, C811
Revise R804, R807, R812.
Operación OVP
Revise IC802, IC803.
Revise el voltaje en el pin 18 de IC01.
normal
ST-by : 0V (Low)
NORMAL : 5V (High)
Revise el voltaje en el pin 27 de IC01.
Revise el voltaje de Q803 collector.
Revise IC804, D809 (Regulador 5.6V)
u-COM Vcc
ST-by : 0V
NORMAL : 80V
anormal
Revise Q802~4, ZD828, R824~6
Revise el voltaje en el pin 30 de IC01.
Revise IC802, IC803.
Revise IC03 (Reset IC)
Reset voltage
Revise la forma de onda en el pin 30 y 31 del IC01.
X-TAL
Revise X1 y reemplace el IC01.

3. HOLD DOWN con Linea Horizontal

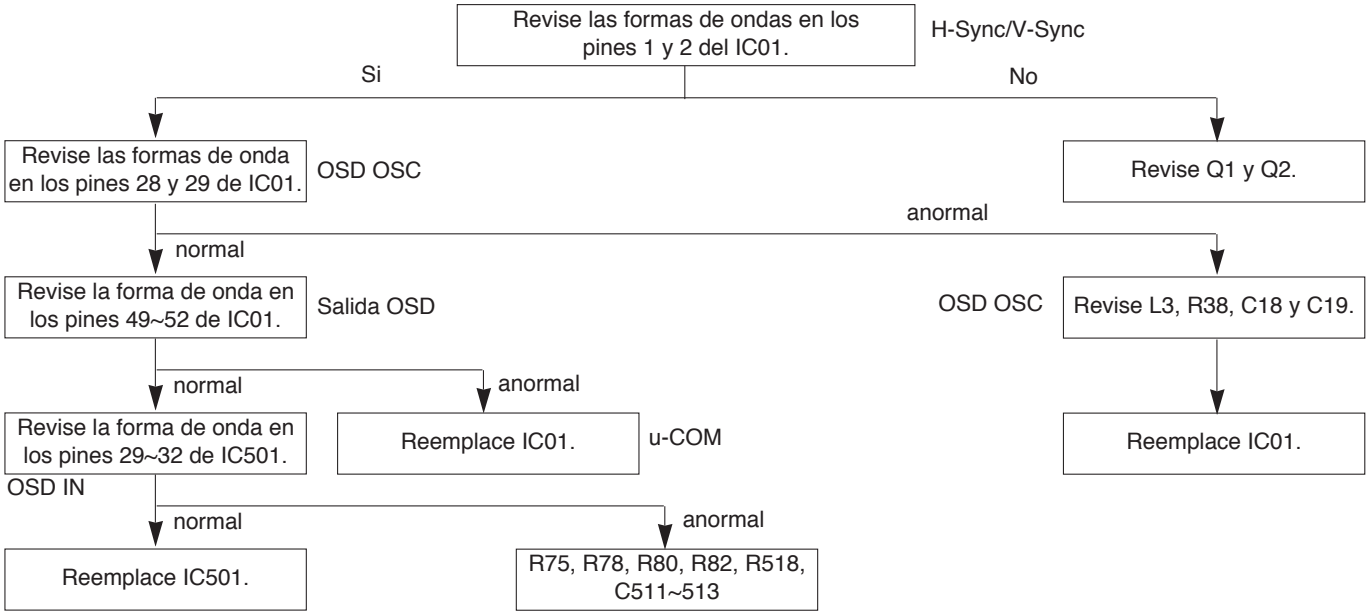


4. Horizontal rolls

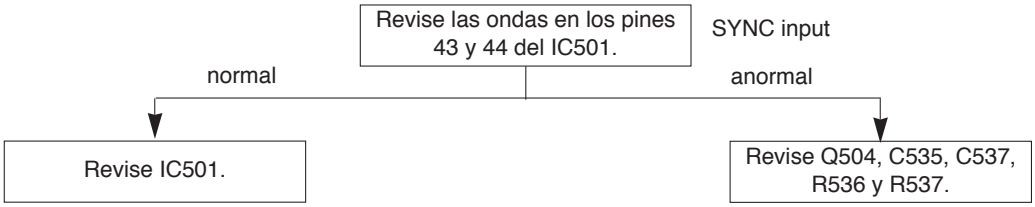
5. No Sonido



6. No hay ON SCREEN display

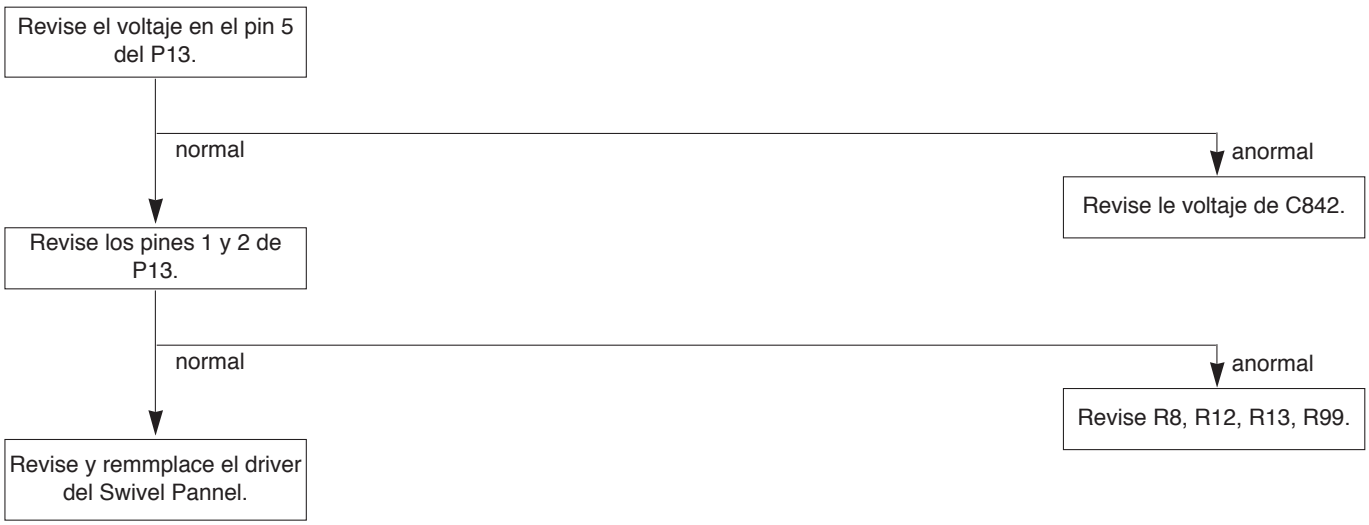


7. Sync. error

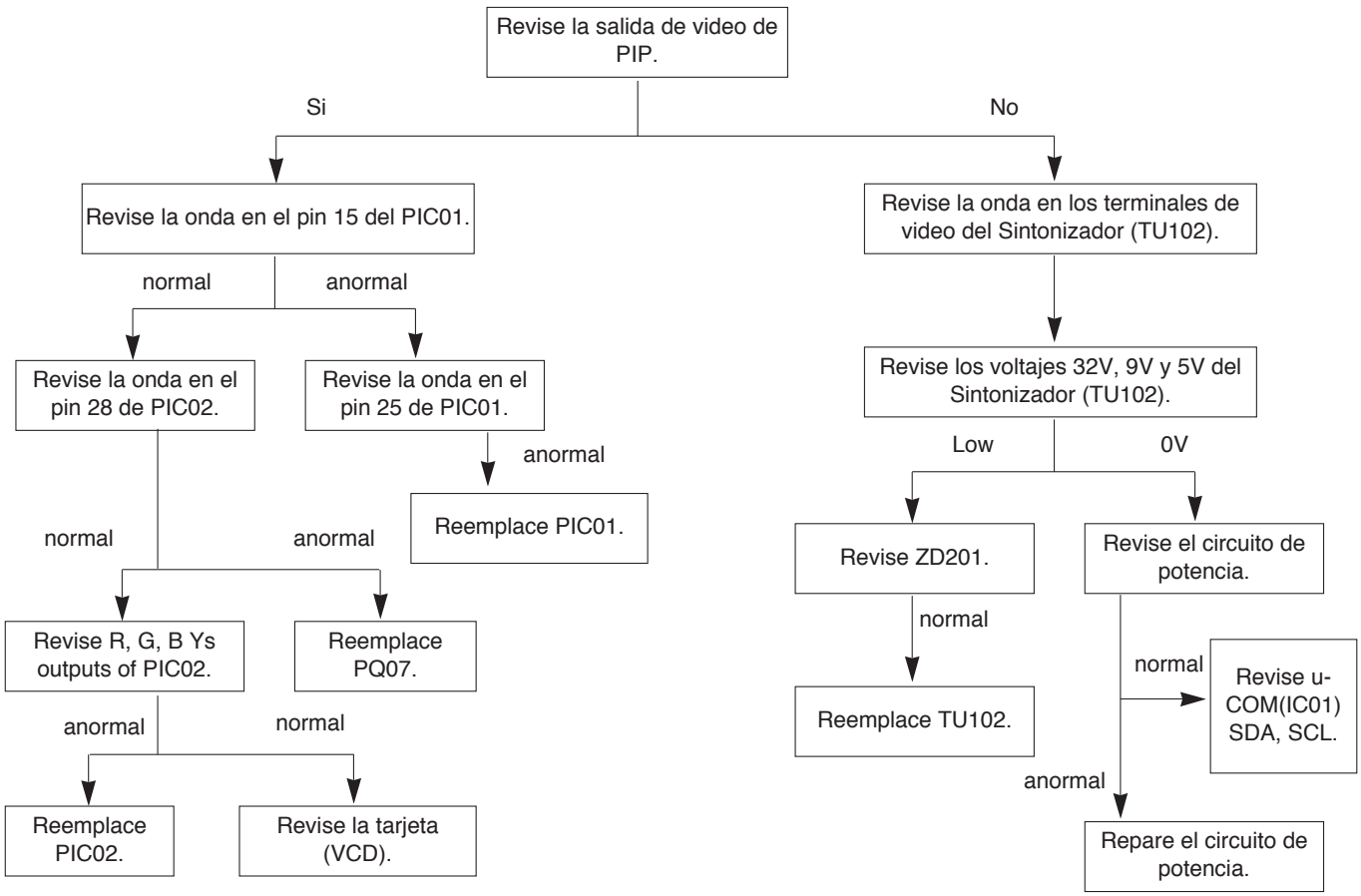


8. Error de Auto Programación

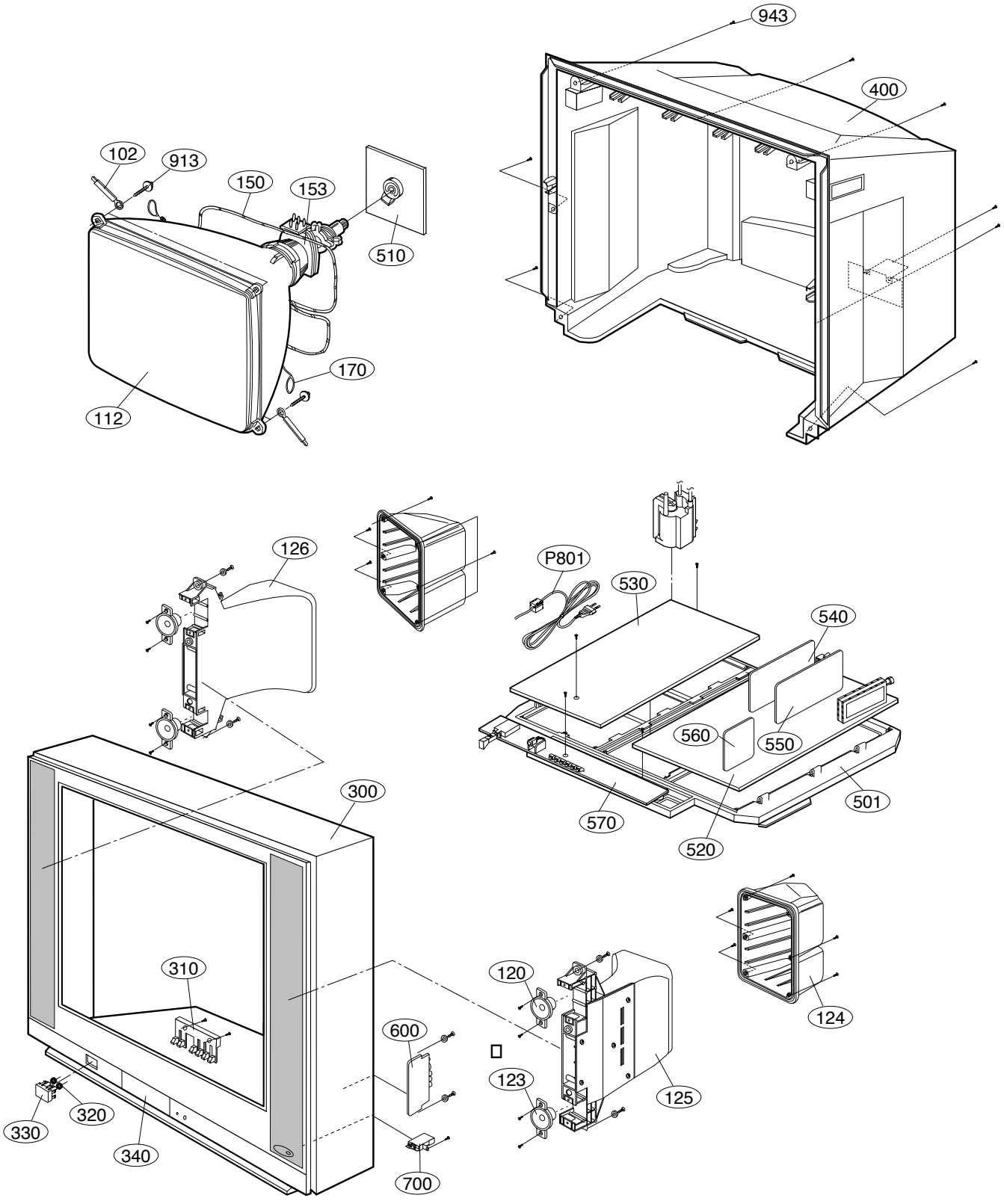
9. Error de Giro


Revise el voltaje en el pin 5 del P13.
normal
anormal
Revise le voltaje de C842.
Revise los pines 1 y 2 de P13.
normal
anormal
Revise R8, R12, R13, R99.
Revise y remmplace el driver del Swivel Pannel.

10. Error de PIP



VISTA EN DESPIECE(CP-25Q20)



LISTA DE VISTA EN DESPIECE

No.	Part No.	Description
102	341-919C	HOLDER,D-COIL
112	6341V25003A	BARE CPT ASSY
120	120-C76G	SPEAKER,TWEETER FOSTER 8 OHM 10/
123	120-D38C	SPEAKER,MID-RANGE 8 OHM 15/25W 87
124	3550V00068A	COVER,DOME
125	4810V00165A	BRACKET,DOME(R)
126	4810V00165B	BRACKET,DOME(L)
150	150-D05W	COIL,DEGAUSSING CU 25” 42TURN 9 OHM
153	6150Z-1230F	DY,DC29SLFL1
170	170-844G	CPT EARTH,26” 96T 4LUG HSG 400MM
300	3091V00218C	CABINET ASSY
310	5020V00339A	BUTTON,CONTROL 4KEY ABS
320	320-070H	SPRING,COIL
330	5020V00337B	BUTTON,POWER
340	3580V00038A	DOOR CONTROL
400	3809V00160D	BACK COVER ASSY *MEXICO
	3809V00160C	BACK COVER ASSY *PERU, LGEPS
401	3650V00003A	HANDLE ASSY
501	4810V00202A	BRACKET,MAIN
510	6871VSM312K	PCB ASSY,CRTMIN MC99GA M/I FLAT
520	6871VMM259M	PCB ASSY,MAIN MC99GA 25” FLAT
530	6871VSM304H	PCB ASSY,POWER MC99GA *MEXICO
	6871VSM304J	PCB ASSY,POWER MC99GA *PERU, LGEPS
540	6871VSM305E	PCB ASSY,PIP MC99GA M/I FLAT
550	6871VSM303E	PCB ASSY,MPX MC99GA M/I FLAT
560	6871VSN130C	PCB ASSY,DCF MC99GA
570	6871VSM354F	PCB ASSY,CONT MC99GA M/I FLAT
600	6871VSM476A	PCB ASSY,A/V MC99GA SIDE FLAT
700	0IGL120104C	CDS SENSOR MODULE(P1201-04C)
912	1PTF0403116	SCREW,TAP TITE(P) D4 L16
913	332-229H	SCREW ASSY,HEXAGON HEAD(L:40,D:18)
943	1PTF0403116	SCREW,TAP TITE(P) D4 L16
P801	174-019S	CORD,POWER *MEXICO0
	174-009Q	CORD,POWER *PERU, LGEPS

INSTRUCCIONES DE AJUSTE

Estas instrucciones se aplican solamente al CHASIS MC-99GA.

NOTAS

1. Este no es un chasis en caliente, no requiere de un transformador de aislamiento.
   De todas formas, el uso de un transformador de aislamiento, lo ayudará a proteger los instrumentos de prueba.
2. Estos ajustes deben ser realizados en el orden correcto.
3. Suministre voltaje de AC, 100 - 240 V A.C. / 50 - 60Hz.
4. La unidad debe ponerse en funcionamiento alrededor de 20 minutos antes de realizar los ajustes.

CONTENIDO

1. Ajuste del voltaje de Screen
2. Ajuste de balance de blanco. (White Balance)
3. Ajuste de Foco
4. Ajuste de Sub brillo (Sub - Bright)
5. Ajuste de Sub TINTE
6. Ajuste de datos de deflexión
7. Ajuste de tamaño Horizontal (H - Size) y Pin Cushion.
8. Ajuste de PIP

1. Ajuste del Voltaje de Pantalla (Screen)

(1) Conecte el generador de patrones al TV.
(2) Haga que la pantalla tenga la linea horizontal, presione la tecla MENU en el TV y en control remoto al mismo tiempo.
(3) Gire el control de Screen en el FBT en dirección de las manecillas del reloj hasta que la línea horizontal sea visible, y luego gírelo en dirección opuesta hasta que la línea sea ligeramente visible.

2. Ajuste del Balance de blanco

(1) Presione el botón MENU en el TV y en control remoto al mismo tiempo para entrar al modo de ajuste.
(2) Presione CH Up/Down para seleccionar el ajuste.
(3) Presione VOL Up/Down para cambiar los datos.

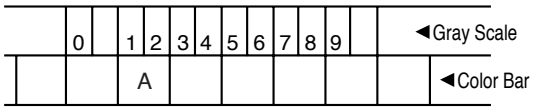
(4) Ajuste

1. Ajuste el contraste y el brillo hasta que la señal del área de alta luminosidad sea 35Ft-1.
2. Seleccione GDRIVE (VP 18) y B DRIVE (VP 19) y ajuste para obtener los datos de alta luminosidad.
3. Ajuste el contraste y el brillo hasta que la señal de alta luminosidad sea 4.5 Ft-1.
4. Seleccione G-CUT (VP 15) y B-CUT (VP 16) y ajuste para los datos de baja luminosidad.
5. Repita los pasos del 1 al 4 para obtener ambos datos de baja y alta luminosidad.
6. Revise los resultados del ajuste utilizando un medidor de Balance de Blanco.
   Alta Luminosidad X=0.282±0.008, Y=0.288±0.008
   (10000 ±1000 K)
   Baja Luminosidad X=0.282 ±0.008, Y=0.288±0.008
   (10000 ±1000K)

3. Ajuste de FOCO

(1) Introduzca la señal del generador de patrones al TV.
(2) Ajuste el control de FOCO en el FBT para obtener una imagen definida y clara.

4. Ajuste de SUB-BRILLO



<Figura 1>

(1) Introduzca una señal Mono como lo muestra la figura 1.
(2) Presione el botón APC en el control remoto para activar la función de Control Automático de imagen (APC).

APC ON
- CONTRASTE: 100
- BRILLO: 50
- COLOR: 50
- TINTE: 0
- DEFINICIÓN: 50

(3) Coloque la pantalla en el modo de ajuste con el control remoto.
(4) Seleccione el ajuste de Sub brillo y ajuste hasta que la parte A pueda distinguirse.

5. Ajuste de Sub TINTE

(1) Introduzca la señal SMPTE.
(2) Fije la pantalla en el Modo de Ajuste por el Control Remoto.
(3) Seleccione Sub Tinte y ajuste hasta que el color cyan superior e inferior sean del mismo color.

6. Ajuste de datos de deflexion

(1) Encendido el TV.
(2) Presione la tecla MENU en el TV y en control remoto al mismo tiempo para entrar al menú de ajuste.
(3) Presione Ch Up/Down para seleccionar los ajustes.
(4)Presione VOL Up/Down para cambiar los datos.

6-1. Posición Horizontal (HPOS)

Seleccione VP 4 (HPOS) y ajuste hasta que la parte derecha e izquierda de la pantalla sean iguales.

6-2. Posición Vertical.

Seleccione VP 2 (VPOS) y ajuste hasta que el centro mecánico del tubo de pantalla y el centro de la pantalla coicidan.

6-3. Tamaño Vertical (VSIZE)

Seleccione VP 3 (VSIZE) y ajuste el centro del circulo del generador Digital, hasta que coicida con el marco exterior de la pantalla.

6-4. Linearidad Vertical (VLIN)

Seleccione VP 0 (VLIN) y ajuste hasta que la pantalla este alineada verticalmente.

6-5. Corrección Vertical (S-CORR)

Seleccione VP 1 (S-CORR) y ajuste hasta obtener un círculo perfecto en la pantalla.

7. Ajuste de tamaño Horizontal y Pincushion

(1) Introduzca la señal de generador de patrones.
(2) Seleccione VP 5(H-SIZE) y ajuste para un tamaño Horizontal apropiado.
(3) Introduzca la señal Cross Hatch del generador de patrones.
(4) Ajuste VP 6(P-AMP), VP 7(CORPIN), VP 12(UPVLIN), VP 13(LOVLIN), VP 8(TRAPEP), VP 10(AFCBOW) y VP 11(AFCANG) hasta que las líneas externas esten rectas.

8. Ajuste de PIP

(1) Encendido el TV.
(2) Introduzca la señal de barra de colores y active el PIP.
(3) Presione la tecla MENU en el TV y en control remoto al mismo tiempo para seleccionar el modo de ajuste de PIP.
(4) Seleccionar VP 0(G-AMP), VP 1(B-AMP) y VP 2(R-AMP) y ajuste hasta que los levelos de blanca en la imagen principal y la de PIP sean iguales.

9. IIC BUS Tabla de Datos de Ajuste(Principal)

Menu	OSD	Adjustment	Range	Initial setting	Remark
VP 0	V-LIN		0 ~ 15	7	
VP 1	S-CORR		0 ~ 15	0	
VP 2	V-POS		0 ~ 63	40	
VP 3	V-SIZE		0 ~ 63	24	
VP 4	H-POS		0 ~ 63	15	
VP 5	H-SIZE		0 ~ 63	29	
VP 6	PINAMP		0 ~ 63	27	
VP 7	CORP IN		0 ~ 63	34	
VP 8	TRAPEP		0 ~ 15	7	
VP 9	EHTCOM		0 ~ 15	7	
VP 10	AFCBOW		0 ~ 15	7	
VP 11	AFCANG		0 ~ 15	8	
VP 12	UPVLIN		0 ~ 15	7	
VP 13	LOVLIN		0 ~ 15	4	
VP 14	R-CUT		0 ~ 15	15	No ajuste
VP 15	G-CUT		0 ~ 15	6	No ajuste
VP 16	B-CUT		0 ~ 15	10	No ajuste
VP 17	RDRIVE		0 ~ 63	31	No ajuste
VP 18	GDRIVE		0 ~ 63	32	No ajuste
VP 19	BDRIVE		0 ~ 63	28	No ajuste
VP 20	ABLMOD		0 ~ 1	1	No ajuste
VP 21	GAMMA		0 ~ 3	2	No ajuste
VP 22	YDELAY		0 ~ 15	7	No ajuste
VP 23	H-OSC		0 ~ 15	7	No ajuste
VP 24	AFCGAI		0 ~ 3	0	No ajuste
VP 25	L-HBLK		0 ~ 15	7	No ajuste
VP 26	R-HBLK		0 ~ 15	9	No ajuste
VP 27	F-FREQ		0 ~ 3	1	No ajuste
VP 28	CDMODE		0 ~ 3	2	No ajuste
VP 29	INTERA		0 ~ 3	0	No ajuste
VP 30	C-BPF		0 ~ 1	1	No ajuste
VP 31	C-TRAP		0 ~ 1	0	No ajuste
VP 32	FSC-SW		0 ~ 1	0	No ajuste
VP 33	SHP-FO		0 ~ 1	1	No ajuste

Menu	OSD	Adjustment	Range	Initial setting	Remark
VP 34	DCTRAN		0 ~ 1	1	No ajuste
VP 35	PREOVR		0 ~ 1	0	No ajuste
VP 36	ABLVTH		0 ~ 1	0	No ajuste
VP 37	R ON		0 ~ 1	1	No ajuste
VP 38	G ON		0 ~ 1	1	No ajuste
VP 39	B ON		0 ~ 1	1	No ajuste
VP 40	HMASK		0 ~ 1	1	No ajuste
VP 41	OSD POSITION		0 ~ 63	25	No ajuste
VP 42					
VP 43					
VP 44					
VP 45					
VP 46					
VP 47					
VP 48					
VP 49					
VP 50					
VP 51					
VP 52					

10. IIC BUS Tabla de Datos de Ajuste(PIP)

Menu	OSD	Adjustment	Range	Initial setting	Remark
VP 0	GAMP		0 ~ 255	63	
VP 1	BAMP		0 ~ 255	63	
VP 2	RAMP		0 ~ 255	63	
VP 3	C POS		0 ~ 3	0	No ajuste
VP 4	STDP		0 ~ 1	0	No ajuste
VP 5	BRIGH		0 ~ 15	0	No ajuste
VP 6	CONTR		0 ~ 15	15	No ajuste
VP 7	SAT		0 ~ 15	8	No ajuste
VP 8	HUE		0 ~ 32	6	No ajuste
VP 9	PLLIT		0 ~ 3	2	No ajuste
VP 10	CKILL		0 ~ 3	2	No ajuste
VP 11	YPEAK		0 ~ 7	7	No ajuste
VP 12	TDEL		0 ~ 3	0	No ajuste
VP 13	VSPDL		0 ~ 31	0	No ajuste
VP 14	FRWIH		0 ~ 7	0	No ajuste
VP 15	FRWIV		0 ~ 3	0	No ajuste
VP 16	AGCFX		0 ~ 1	1	No ajuste
VP 17	AGCAD		0 ~ 1	0	No ajuste
VP 18	AGC		0 ~ 15	6	No ajuste
VP 19					
VP 20					

Menu	OSD	Adjustment	Range	Initial setting	Remark
VP 21					
VP 22					
VP 23					
VP 24					
VP 25					
VP 26					
VP 27					
VP 28					

11. IIC BUS Tabla de Datos de Ajuste(SUB)

Menu	OSD	Adjustment	Range	Initial setting	Remark
VP 1	SUB-CONT		0 ~ 20	20	
VP 2	SUB-BRI		0 ~ 100	50	
VP 3	SUB-TINT		-20 ~ +20	-10	
VP 4	SUB-COLOR		0 ~ 100	30	

LISTA DE PARTES DE REPUESTO

RUN DATE : 2000.2.24

LOCA. NO	PART NO	DESCRIPTION
IC		
IC01	0IMI899303B	LG8993-03B
ICD02	0ISO206400A	CXD2064Q 48P,QFP BK 4H MULTI D
IC02	0ISS754200A	KA7542Z RESET TO92 TP 4.2V
IC03	0IAL240410A	AT24C04-10PC 8D EEPROM(4K,IIC)
IC301	0ISA784500A	LA7845 7SIP V/OUT(1.5A)
IC302	0IKE455800E	KIA4558 8DIP DUAL OP AMP
IC501	0ISO213500A	CXA2135S 48P,SDIP BK PAL/NTSCN
IC601	0ISG726300B	TDA7263 11P,SIP BK 2CH 12W AUD
IC800	0ISH817300B	PC817XF3 4D PHOTO COUPLER
IC801	0ISK670900A	STR/S6709 9S SMPS-CNTR
IC804	0IKE780500P	KIA78L05BP(AT) 3P 5V,150MA
IC805	0ISH092100A	PQ09RF21 4P 9V S/W REGULATOR
IC806	0IKE780500K	KIA7805PI 3P(TO-220IS) 5V,1A
IC901	0IPH610190A	TDA6101Q 9S VIDEO OUT
IC902	0IPH610190A	TDA6101Q 9S VIDEO OUT
IC903	0IPH610190A	TDA6101Q 9S VIDEO OUT
IC1601	0IIT343000A	MSP3430G 52P,SDIP BK US BTSC S
IC1602	0IKE780800A	KIA7808PI 3P(TO-220IS) 1A,8V
IC1604	0ISS754200A	KA7542Z RESET TO92 TP 4.2V
PIC01	0ISO204000A	CXA2040AQ 32P,QFP BK IIC BUS V
PIC02	0ISM938800A	SDA9388X 28P,SOP TP NT/PAL-M/N
TRANSISTOR		
PQ01	0TR319809AA	KTC3198-TP-Y (KTC1815)KEC
PQ02	0TR319809AA	KTC3198-TP-Y (KTC1815)KEC
PQ03	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
PQ04	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
PQ05	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
PQ06	0TR319809AA	KTC3198-TP-Y (KTC1815)KEC
PQ07	0TR319809AA	KTC3198-TP-Y (KTC1815)KEC
PQ08	0TR319809AA	KTC3198-TP-Y (KTC1815)KEC
PQ09	0TR319809AA	KTC3198-TP-Y (KTC1815)KEC
PQ10	0TR319809AA	KTC3198-TP-Y (KTC1815)KEC
Q1	0TR945009AA	KSC945C-Y TP SAMSUNG
Q2	0TR945009AA	KSC945C-Y TP SAMSUNG
Q3	0TR945009AA	KSC945C-Y TP SAMSUNG
Q8	0TR945009AA	KSC945C-Y TP SAMSUNG
Q101	0TR945009AA	KSC945C-Y TP SAMSUNG
Q102	0TR945009AA	KSC945C-Y TP SAMSUNG
Q401	0TR187900AA	2SD1879
Q402	0TR223800AA	KTC2238A-Y
Q404	0TR127409AB	KTA1274-Y TO-92L TP KEC
Q405	0TR205900AB	KTD2059-Y TO-220IS KEC
Q481	0TR127509AC	KTA1275-Y TP(KTA1013),KEC
Q501	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
Q502	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
Q503	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
Q504	0TR945009AA	KSC945C-Y TP SAMSUNG
Q508	0TR945009AA	KSC945C-Y TP SAMSUNG
Q511	0TR945009AA	KSC945C-Y TP SAMSUNG
Q512	0TR945009AA	KSC945C-Y TP SAMSUNG
Q513	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
Q514	0TR945009AA	KSC945C-Y TP SAMSUNG

LOCA. NO	PART NO	DESCRIPTION
Q601	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
Q602	0TR945009AA	KSC945C-Y TP SAMSUNG
Q603	0TR945009AA	KSC945C-Y TP SAMSUNG
Q800	0TR385200AA	2SC3852A SANKEN
Q802	0TR968000AA	KTA968A-Y KEC
Q803	0TR322809AA	KTC3228-0 TP(KTC2383),KEC
Q804	0TR102009AB	KRC102M,TP(KRC1202),KEC
Q806	0TR322709AA	KTC3227-Y,TP(KTC1627A),KEC
Q900	0TR126609AA	KTA1266-TP-Y
Q901	0TR126609AA	KTA1266-TP-Y (KTA1015) KEC
Q1603	0TR733009AA	KSA733C-Y TP SAMSUNG TO-92
Q1604	0TR733009AA	KSA733C-Y TP SAMSUNG TO-92
Q1607	0TR945009AA	KSC945C-Y TP SAMSUNG
Q1608	0TR945009AA	KSC945C-Y TP SAMSUNG
Q1609	0TR945009AA	KSC945C-Y TP SAMSUNG
Q2902	0TR320209AA	KTC3202-TP-Y
Q2903	0TR320209AA	KTC3202-TP-Y
Q2907	0TR127409AB	KTA1274-Y
Q2908	0TR322709AA	KTC3227-Y
Q2909	0TR968000AA	KTA968A-Y KEC
Q2910	0TR223800AA	KTC2238A-Y
QD1	0TR150400BA	CHIP 2SA1504S(ASY) KEC
QD3	0TR150400BA	CHIP 2SA1504S(ASY) KEC
QD4	0TR150400BA	CHIP 2SA1504S(ASY) KEC
QD5	0TR150400BA	CHIP 2SA1504S(ASY) KEC
QD6	0TR387500AA	CHIP 2SC3875S(ALY) KEC
QD7	0TR150400BA	CHIP 2SA1504S(ASY) KEC
DIODE		
D1	0DD247109AA	1S2471
D2	0DD247109AA	1S2471
D4	0DD247109AA	1S2471
D8	0DD247109AA	1S2471
D10	0DD247109AA	1S2471
D11	0DD247109AA	1S2471
D16	0DD247109AA	1S2471
D301	0DD150009CE	GP15J TP (1.5A/600V)
D339	0DD150009CC	RGP15G,TP(52MM),GI
D349	0DD150009CC	RGP15G,TP(52MM),GI
D401	0DD060009AC	TVR06J 0.6A/600V 250NS
D404	0DD247109AA	1S2471
D405	0DD247109AA	1S2471
D406	0DD247109AA	1S2471
D408	0DD410000AB	RU4C,LF-L1 SANKEN SANKEN
D409	0DD410000AC	RU4DS,LF-L1 SANKEN SANKEN
D410	0DD100009AE	RU1A V(1) TP SANKEN
D411	0DD150009CC	RGP15G,TP(52MM),GI
D481	0DD247109AA	1S2471
D501	0DD247109AA	1S2471
D502	0DD247109AA	1S2471
D601	0DD247109AA	1S2471
D602	0DD247109AA	1S2471
D603	0DD247109AA	1S2471
D604	0DD247109AA	1S2471
D605	0DD247109AA	1S2471

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
D801	0DD560000AA	D5SB60 BRIDGE (5A/600V)
D803	0DD100009AL	EH-1ZV(1) TP SANKEN TP SANKEN
D805	0DD100009AU	EU1AV(1) TP SANKEN TP SANKEN
D806	0DD414809ED	1N4148 TA
D807	0DD060009AC	TVR06J 0.6A/600V 250NS
D809	0DD100009AU	EU1AV(1) TP SANKEN TP SANKEN
D820	0DD060009AC	TVR06J 0.6A/600V 250NS
D823	0DD060009AC	TVR06J 0.6A/600V 250NS
D824	0DD060009AC	TVR06J 0.6A/600V 250NS
D825	0DD410000AD	RU4AM,LF-L1 SANKEN SANKEN
D826	0DD060009AC	TVR06J 0.6A/600V 250NS
D827	0DD247109AA	1S2471
D829	0DD060009AC	TVR06J 0.6A/600V 250NS
D900	0DD060009AC	TVR06J 0.6A/600V 250NS
D901	0DD060009AC	TVR06J 0.6A/600V 250NS
D902	0DD060009AC	TVR06J 0.6A/600V 250NS
D903	0DD060009AC	TVR06J 0.6A/600V 250NS
D904	0DD060009AC	TVR06J 0.6A/600V 250NS
D905	0DD247109AA	1S2471
D906	0DD247109AA	1S2471
D907	0DD247109AA	1S2471
D908	0DD060009AC	TVR06J 0.6A/600V 250NS
D909	0DD060009AC	TVR06J 0.6A/600V 250NS
D910	0DD400509AA	1N4005 GP
D2901	0DD247109AA	1S2471
D2902	0DD247109AA	1S2471
D2903	0DD247109AA	1S2471
D2905	0DD247109AA	1S2471
D2906	0DD247109AA	1S2471
D2907	0DD247109AA	1S2471
D2909	0DD150009CC	RGP 15G
D2910	0DD150009CC	RGP 15G
D2911	0DD247109AA	1S2471
D2912	0DD247109AA	1S2471
D2913	0DD247109AA	1S2471
ZD101	0DZ330009DF	ZENER,MTZJ33B TP
ZD339	0DZ180009AG	ZENER,MTZJ18B TP
ZD349	0DZ180009AG	ZENER,MTZJ18B TP
ZD481	0DZ510009AB	ZENER,MTZ5.1B
ZD502	0DZ560009CF	ZENER,MTZJ5.6B TP
ZD503	0DZ910009AJ	ZENER,MTZJ9.1B TP
ZD808	0DZ750009AG	ZENER,MTZJ7.5B TP
ZD828	0DZ910009AJ	ZENER,MTZJ9.1B TP
ZD900	0DZ910009AJ	ZENER,MTZJ9.1B TP
ZD901	0DZ680009BB	ZENER,MTZJ6.8B TP
ZD2901	0DZ180009AG	ZENER,MTZJ18B TP
CAPACITOR		
C2	0CN2210K519	220P 50V K
C4	0CQ1521N509	0.0015U 100V K
C5	0CE225DK618	2.2UF STD 50V M
C6	0CN4710K519	470P 50V K
C7	0CN4710K519	470P 50V K
C8	0CN1030F679	10000P 16V M
C9	0CN5610K519	560P 50V K

LOCA. NO	PART NO	DESCRIPTION
C10	0CE105DK618	1UF STD 50V M
C11	0CN1020K519	1000P 50V K
C12	0CE475DK618	4.7UF STD 50V M
C13	0CN1810K519	180P 50V K
C14	0CC1800K415	18P 50V J
C15	0CC1800K415	18P 50V J
C16	0CN1030F679	10000P 16V M
C17	0CE477DD618	470UF STD 10V M
C18	0CC1800K415	18P 50V J
C19	0CC2000K415	20P 50V J
C20	181-007C	MPE ECQ-V1H104JL3
C21	0CN1030F679	10000P 16V M
C23	0CE475DK618	4.7UF STD 50V M
C24	0CN4710K519	470P 50V K
C29	0CN1030F679	10000P 16V M
C32	0CE107DF618	100UF STD 16V M
C34	0CE107DF618	100UF STD 16V M
C40	0CQ1032K439	0.01UF S 50V J
C101	0CE476DF618	47UF STD 16V M
C102	0CN1030F679	10000P 16V M
C103	0CE227DD618	220UF STD 10V M
C104	0CN1030F679	10000P 16V M
C105	0CE475DK618	4.7UF STD 50V M
C106	0CQ1032K439	0.01UF S 50V J
C107	0CE477DF618	470UF STD 16V M
C108	0CN1030F679	10000P 16V M
C109	0CN1030F679	10000P 16V M
C110	0CN7500K519	75P 50V K
C201	0CE106DF618	10UF STD 16V M
C203	0CE106DF618	10UF STD 16V M
C205	0CE106DF618	10UF STD 16V M
C220	0CN1040K949	0.1M 50V Z
C221	0CE106DF618	10UF STD 16V M
C250	0CE475DK618	4.7UF STD 50V M
C251	0CE106DF618	10UF STD 16V M
C252	0CE106DF618	10UF STD 16V M
C303	0CN1040K949	0.1M 50V Z
C305	0CE107DK618	100UF STD 50V M
C307	0CQ1041N509	0.1U 100V K
C308	0CQ1041N509	0.1U 100V K
C309	0CQ4731N509	0.047U 100V K
C310	0CE106DK618	10UF STD 50V M
C316	0CE107BJ618	100UF KME 35V M
C331	0CN1020K519	1000P 50V K
C332	0CQ3321N509	0.0033U 100V K
C337	0CE108DH618	1000UF STD 25V M
C339	0CK47101515	470P 1KV K
C347	0CE108DH618	1000UF STD 25V M
C349	0CK47101515	470P 1KV K
C401	181-091V	2KV R 391K
C402	0CQ1531N509	0.015U 100V K
C405	181-091V	2KV R 391K
C406	181-007C	MPE ECQ-V1H104JL3
C414	0CK2220W515	2200P 500V K
C415	0CE475DP618	4.7UF STD 160V M

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LOCA. NO	PART NO	DESCRIPTION
C422	0CE5651K652	5.6UF SM 50V M
C424	181-014N	1600V 0.01UF J
“(25”)	181-014M	1600V 0.0091UF J
C425	181-014N	1600V 0.01UF J
“(25”)	181-014M	1600V 0.0091UF J
C430	181-013N	400V 0.27UF J
C431	181-013M	400V 0.22UF J
“(25”)	181-038K	0.56UF D 25V J
C432	181-013G	200V 0.5UF J
C433	0CK2220W515	2200P 500V K
C435	181-009R	200V 0.022UF K
C437	0CK56101515	560P 1KV K
C438	0CE107DK618	100UF STD 50V M
C442	0CQZVBK004B	0.027UF D 630V J
C446	0CK56101515	560P 1KV K
C447	0CE476DR618	47UF STD 250V M
C449	0CE474DK618	0.47UF STD 50V M
C481	0CE226BK618	22UF KME 50V M
C501	0CN1020K519	1000P 50V K
C502	0CN1040K949	0.1M 50V Z
C505	0CE105DK618	1UF STD 50V M
C506	0CE476DF618	47UF STD 16V M
C507	0CN4720F569	4700P 16V K
C508	0CE105DK618	1UF STD 50V M
C510	0CN1020K519	1000P 50V K
C511	0CQ1032K439	0.01UF S 50V J
C512	0CQ1032K439	0.01UF S 50V J
C513	0CQ1032K439	0.01UF S 50V J
C514	0CN1040K949	0.1M 50V Z
C515	0CE337DF618	330UF STD 16V M
C516	0CN1040K949	0.1M 50V Z
C517	0CE107DF618	100UF STD 16V M
C518	0CE475DK618	4.7UF STD 50V M
C519	0CQ1032K439	0.01UF S 50V J
C520	0CQ1032K439	0.01UF S 50V J
C521	0CQ1032K439	0.01UF S 50V J
C522	0CN1030F679	10000P 16V M
C523	0CK1030K945	0.01UF 50V Z
C527	0CQ1041N509	0.1U 100V K
C529	0CE105DK618	1UF STD 50V M
C530	0CE105DK618	1UF STD 50V M
C531	0CN4710K519	470P 50V K
C532	0CN1040K949	0.1M 50V Z
C533	0CE106DK618	10UF STD 50V M
C534	0CE475DK618	4.7UF STD 50V M
C535	0CC1800K415	18P 50V J
C536	0CE337DF618	330UF STD 16V M
C537	181-007F	MPE ECQ-V1H224JL3
C538	0CE226DF618	22UF STD 16V M
C539	0CN1030F679	10000P 16V M
C540	0CE475DK618	4.7UF STD 50V M
C541	0CN1030F679	10000P 16V M
C542	0CC1800K415	18P 50V J
C543	0CC1600K415	16P 50V J
C548	0CN1820F569	1800P 16V K

LOCA. NO	PART NO	DESCRIPTION
C549	0CN8210K519	820P 50V K
C550	0CN1020K519	1000P 50V K
C551	0CE105DK618	1UF STD 50V M
C601	0CE477DF618	470UF STD 16V M
C602	0CE106DF618	10UF STD 16V M
C603	0CE476DH618	47UF STD 25V M
C604	0CE476DH618	47UF STD 25V M
C605	0CE108DJ618	1000UF STD 35V M
C606	0CE108DJ618	1000UF STD 35V M
C607	0CQ1041N509	0.1U 100V K
C608	0CQ1041N509	0.1U 100V K
C609	0CE477DJ618	470UF STD 35V M
C610	0CQ1041N509	0.1U 100V K
C611	0CE105DK618	1UF STD 50V M
C612	0CE476DK618	47UF STD 50V M
C613	0CE105DK618	1UF STD 50V M
C614	0CQ3921N409	0.0039U 100V J
C615	0CQ3921N409	0.0039U 100V J
C616	0CE475DK618	4.7UF STD 50V M
C617	0CE475DK618	4.7UF STD 50V M
C618	0CE477DJ618	470UF STD 35V M
C620	0CE476DF618	47UF STD 16V M
C801	0CQZVBK002C	A.C 275V 0.22UF K (S=22.5)
C803	181-033V	1KV B 222K
C804	181-033V	1KV B 222K
C808	0CEZVBK002D	470000000F 0 400V M
C810	0CE477BH618	470UF KME TYPE 25V M
C811	0CE227BH618	220UF KME 25V M
C812	0CE226DN618	22UF STD 100V M
C813	0CK8210W515	820P 500V K
C814	181-014Z	1.6KV 0.0033UF J
C815	181-091C	DE0705-979 R 471K 1KV
C816	181-091W	2KV R 471K
C820	0CE227DP61A	220UF STD 160V M
C821	0CE336CP618	33U SHL 160V M
C822	0CE477DF618	470UF STD 16V M
C824	0CE108DF618	1000UF STD 16V M
C825	0CE226DF618	22UF STD 16V M
C826	0CE228DH61A	2200UF STD 25V M
C827	181-091C	DE0705-979 R 471K 1KV
C829	181-003D	160V 100UF T HR (85)
C830	0CE227DH618	220UF STD 25V M
C831	181-091C	DE0705-979 R 471K 1KV
C832	0CK4710W515	470PF 500V K
C833	181-091Z	2KV R 821K
C834	0CQ1041N509	0.1U 100V K
C835	0CE108BJ618	1000UF KME 35V M
C837	0CE228DJ650	2200UF STD 35V M
C839	0CE227BF618	220UF KME 16V M
C840	0CE337DK618	330UF STD 50V M
C841	0CE227DF618	220UF STD 16V M
C843	0CE477DD618	470UF STD 10V M
C844	0CE108DF618	1000UF STD 16V M
C850	181-120D	ACT 4KV E 102M
C851	181-120K	ACT 4KV E 222M

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RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C900	0CE475DR618	4.7UF STD 250V M
C901	0CE475DR618	4.7UF STD 250V M
C902	0CE475DR618	4.7UF STD 250V M
C904	0CE475DR618	4.7UF STD 250V M
C905	0CK5610W515	560P 500V K
C906	0CN1040K949	0.1M 50V Z
C907	0CN1040K949	0.1M 50V Z
C908	0CE475DR618	4.7UF STD 250V M
C910	0CE225DK618	2.2UF STD 50V M
C911	0CN1040K949	0.1M 50V Z
C912	0CN1040K949	0.1M 50V Z
C914	0CE108DF618	1000UF STD 16V M
C915	0CK5610W515	560P 500V K
C916	181-033T	2KV B 222K
C917	0CN1040K949	0.1M 50V Z
C919	0CK5610W515	560P 500V K
C921	0CE476DF618	47UF STD 16V M
C925	0CN1040K949	0.1M 50V Z
C1001	0CN1030F679	10000P 16V M
C1002	0CE476DF618	47UF STD 16V M
C1021	0CE106DK618	10UF STD 50V M
C1022	181-007C	MPE ECQ-V1H104JL3
C1023	181-007C	MPE ECQ-V1H104JL3
C1024	0CE475DK618	4.7UF STD 50V M
C1025	0CE475DK618	4.7UF STD 50V M
C1601	0CN1030F679	10000P 16V M
C1602	0CX5600K409	56P 50V J
C1603	0CX5600K409	56P 50V J
C1604	0CN1040K949	0.1M 50V Z
C1605	0CE476DF618	47UF STD 16V M
C1606	0CE476DF618	47UF STD 16V M
C1607	0CN1040K949	0.1M 50V Z
C1608	0CN1040K949	0.1M 50V Z
C1609	0CN1030F679	10000P 16V M
C1610	0CE476DF618	47UF STD 16V M
C1611	0CE476DF618	47UF STD 16V M
C1612	0CN1030F679	10000P 16V M
C1613	0CE335DK618	3.3UF STD 50V M
C1618	0CN2720F569	2700P 16V K
C1619	0CE105DK618	1UF STD 50V M
C1620	0CN1020K519	1000P 50V K
C1621	0CN1040K949	0.1M 50V Z
C1622	0CN2720F569	2700P 16V K
C1623	0CN1020K519	1000P 50V K
C1624	0CE105DK618	1UF STD 50V M
C1631	0CE337DF618	330UF STD 16V M
C1643	0CE105DK618	1UF STD 50V M
C1644	0CE105DK618	1UF STD 50V M
C1645	0CN1020K519	1000P 50V K
C1647	0CN1020K519	1000P 50V K
C1649	0CN1040K949	0.1M 50V Z
C1650	0CE335DK618	3.3UF STD 50V M
C1651	0CN1040K949	0.1M 50V Z
C1652	0CE106DF618	10UF STD 16V M
C1653	0CE106DF618	10UF STD 16V M

LOCA. NO	PART NO	DESCRIPTION
C1655	0CN1030F679	10000P 16V M
C1656	0CE227DF618	220UF STD 16V M
C1657	0CE106DF618	10UF STD 16V M
C1659	0CN1040K949	0.1M 50V Z
C1660	0CN1030F679	10000P 16V M
C1661	0CE106DF618	10UF STD 16V M
C1662	0CN1030F679	10000P 16V M
C1663	0CX5600K409	56P 50V J
C1664	0CX5600K409	56P 50V J
C1665	0CC0200K115	2P 50V D
C1666	0CC0200K115	2P 50V D
C2902	0CK1040K945	0.1UF 50V Z
C2909	0CE684DK618	0.68UF STD 50V M
C2910	0CN6810K519	680P 50V K
C2911	0CN6810K519	680P 50V K
C2912	0CK4720W510	4700P 500V K
C2913	0CK4720W510	4700P 500V K
C2914	0CE106DP618	10UF STD 160V M
C2915	0CE476DK618	47UF STD 50V M
C2917	0CE106DN618	10UF STD 100V M
C2918	0CE106DN618	10UF STD 100V M
C2919	0CE106DN618	10UF STD 100V M
C2920	0CN1040K949	0.1M 50V Z
C2921	0CN8210K519	820P 50V K
C2922	0CN2210K519	220P 50V K
CD1	0CE476DF618	47UF STD 16V M
CD4	0CE476DF618	47UF STD 16V M
CD6	0CE475DK618	4.7UF STD 50V M
CD8	0CE476DF618	47UF STD 16V M
CD9	0CE476DF618	47UF STD 16V M
CD13	0CE476DF618	47UF STD 16V M
CD18	0CE227DD618	220UF STD 10V M
CD32	0CE476DF618	47UF STD 16V M
CD47	0CE337DD618	330UF STD 10V M
PC01	0CC2200K415	22P 50V J
PC02	0CC2200K415	22P 50V J
PC03	0CX4700K409	47P 50V J
PC04	0CX4700K409	47P 50V J
PC07	0CN1040K949	0.1M 50V Z
PC08	0CE107DF618	100UF STD 16V M
PC09	181-007C	MPE ECQ-V1H104JL3
PC10	0CN1040K949	0.1M 50V Z
PC11	0CE107DF618	100UF STD 16V M
PC12	0CN1040K949	0.1M 50V Z
PC13	0CN1040K949	0.1M 50V Z
PC14	0CE107DF618	100UF STD 16V M
PC16	0CE105DK618	1UF STD 50V M
PC18	0CN1010K519	100P 50V K
PC21	0CN1010K519	100P 50V K
PC22	0CN1010K519	100P 50V K
PC23	0CE104DK618	0.1UF STD 50V M
PC24	0CE475DK618	4.7UF STD 50V M
PC25	0CE107DF618	100UF STD 16V M
PC26	0CN1030F679	10000P 16V M
PC27	0CE475DK618	4.7UF STD 50V M

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LOCA. NO	PART NO	DESCRIPTION
PC28	0CE337DF618	330UF STD 16V M
PC29	0CN1040K949	0.1M 50V Z
PC30	0CN1030F679	10000P 16V M
PC31	0CE336DF618	33UF STD 16V M
PC32	0CE477DF618	470UF STD 16V M
PC33	0CE475DK618	4.7UF STD 50V M
PC34	0CN1040K949	0.1M 50V Z
PC37	0CN1040K949	0.1M 50V Z
PC39	0CN1040K949	0.1M 50V Z
PC40	0CE225DK618	2.2UF STD 50V M
PC47	0CE476DF618	47UF STD 16V M
PC49	0CE477DF618	470UF STD 16V M
PC50	0CE107DF618	100UF STD 16V M
PC51	0CE475CK636	4.7UF SHL, SD 50V M
FUSE & JACK		
AV01	6612VJH006A	JACK,RCA PJ6061A HORIZONTAL
F801	0FT5001B51C	FUSE,TIME LAG 5000MA 250V
F805	131-096E	FUSE,NON TIME DELAY 135% 4000MA 125V
PN001	6613V00010B	JACK ASSY,PMJ016B A/V 3P + S-V
PN002	380-068B	JACK,EARPHONE WITH SW STEREO 3.5
SJ01	380-363D	JACK,DIN S-VHS(PJ 6046B-01)H=8.0,W/SW
FERRITE CORE		
FB401	125-022K	CORE,FERRITE 1UH
FB801	125-022K	CORE,FERRITE 1UH
FB804	125-022K	CORE,FERRITE 1UH
FB806	125-022K	CORE,FERRITE 1UH
FB902	125-022K	CORE,FERRITE 1UH
FB904	125-123A	CORE,FERRITE BFD3565R2F
FB905	125-123A	CORE,FERRITE BFD3565R2F
COIL & TRANSFORMER		
J10	0LA0221K119	INDUCTOR,2.2UH K
L1	0LA0471K119	INDUCTOR,4.7UH K
L2	0LA0272K119	INDUCTOR,27UH K
L3	0LA0221K119	INDUCTOR,2.2UH K
L102	0LA0682K139	INDUCTOR,68UH K
L103	0LA0682K139	INDUCTOR,68UH K
L401	150-717J	COIL,CHOKE 560UH (E/W)
L403	150-W01A	COIL,WIDTH 24UH
L405	6140VE0001M	COIL,H-LINEARITY 40UH 33TURN
“(25”)	150-L01D	COIL,H-LINEARITY 20UH
L501	0LA0682K139	INDUCTOR,68UH K
L502	0LA0102K119	INDUCTOR,10UH K
L504	0LA0682K139	INDUCTOR,68UH K
L506	0LA0472K119	INDUCTOR,47UH K
L801	150-F06L	COIL,LINE FILTER SQE2930 10MH
L802	150-F06L	COIL,LINE FILTER SQE2930 10MH
L803	150-C02F	COIL,CHOKE 82UH R1217
L805	150-C02F	COIL,CHOKE 82UH R1217
L821	150-C02F	COIL,CHOKE 82UH R1217
L901	0LA0272K139	INDUCTOR,27UH K
L1601	0LA0332K039	INDUCTOR,33UH 10%
L1602	0LA0332K119	INDUCTOR,33UH K

LOCA. NO	PART NO	DESCRIPTION
L1604	0LA0332K119	INDUCTOR,33UH K
L1605	0LA0332K119	INDUCTOR,33UH K
LD1	0LA0102K119	INDUCTOR,10UH K
LD2	0LA0102K119	INDUCTOR,10UH K
LD3	0LA0222K119	INDUCTOR,22UH K
LD4	0LA0332K039	INDUCTOR,33UH 10%
LD6	0LA0102K119	INDUCTOR,10UH K
LD7	0LA0222K119	INDUCTOR,22UH K
“(25”)	0LA0472K119	INDUCTOR,47UH K
LD8	0LA0222K119	INDUCTOR,22UH K
“(25”)	0LA0472K119	INDUCTOR,47UH K
LD9	0LA0102K119	INDUCTOR,10UH K
LD10	0LA0102K119	INDUCTOR,10UH K
LD12	0LA0102K119	INDUCTOR,10UH K
PJ18	0LA0222K119	INDUCTOR,22UH K
PL01	0LA0102K119	INDUCTOR,10UH K
PL02	0LA0102K119	INDUCTOR,10UH K
PL03	0LA0102K119	INDUCTOR,10UH K
PL04	0LA0102K119	INDUCTOR,10UH K
PL05	0LA0332K039	INDUCTOR,33UH 10%
PL06	0LA0332K039	INDUCTOR,33UH 10%
PL07	0LA0102K119	INDUCTOR,10UH K
T401	6174Z-6031A	FBT,FTMPC82-T6031A
“(25”)	6174Z-6012N	FBT,FTMPN51-6012N
T402	151-C02F	TRANSFORMER,H-DRIVE,EI-19,BULK
T801	6170VMCA12C	TRANSFORMER,SMPS EER4954 370UH STR-S6709
CONNECTOR		
	387-084C	CONNECTOR ASSY,POWER(D4.0 W/O EYELET)
	387-G03H	CONNECTOR ASSY,3P
	6631V25034R	CONNECTOR ASSY,3P 900/600MM
	6631V25034S	CONNECTOR ASSY,4P 500/600MM
P10A	387-A04B	CONNECTOR ASSY,4P (L=150)
P11A	387-A10B	CONNECTOR ASSY,10P (L=150)
P12A	387-A08B	CONNECTOR ASSY,8P (L=150)
P201A	387-B06E	CONNECTOR ASSY,6P (L=300)
P603A	387-A03F	CONNECTOR ASSY,3P (L=350)
P701B	387-A08B	CONNECTOR ASSY,8P (L=150)
P800	387-916K	CONNECTOR ASSY,1P(L=600)
P901B	387-A10J	CONNECTOR ASSY,10P(L=500)
P902B	387-A07H	CONNECTOR ASSY,7P(L=450)
RESISTOR		
FR339	0RF0101K607	1 2W 5%
FR347	0RS0331H609	3.3 1/2W 5
FR439	180-D02H	2W 1.4 J
FR443	180-D02J	2W 1.6 J
FR446	180-D02E	2W 1.0 J
FR448	180-D02L	2W 2.0 J
FR619	180-D02C	2W 0.47 J
FR801	0RFZVTA002A	0.22 OHM 2 W 5%
FR803	0RF0221H609	2.2 1/2W 5
FR2948	0RF1000H609	100 1/2W 5
J30	0RD1002F609	10K 1/6W 5
PC42	0RD4702F609	47K 1/6W 5

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LOCA. NO	PART NO	DESCRIPTION
PC44	0RD4702F609	47K 1/6W 5
PC46	0RD4702F609	47K 1/6W 5
PR01	0RD2200F609	220 1/6W 5
PR02	0RD2200F609	220 1/6W 5
PR03	0RD1001F609	1.0K 1/6W 5
PR04	0RD1001F609	1.0K 1/6W 5
PR05	0RD1001F609	1.0K 1/6W 5
PR06	0RD1001F609	1.0K 1/6W 5
PR09	0RD0102F609	10 1/6W 5
PR10	0RD0102F609	10 1/6W 5
PR11	0RD0102F609	10 1/6W 5
PR12	0RD1001F609	1.0K 1/6W 5
PR13	0RD3900F609	390 1/6W 5
PR14	0RD3300F609	330 1/6W 5
PR15	0RD1001F609	1.0K 1/6W 5
PR16	0RD1001F609	1.0K 1/6W 5
PR17	0RD1001F609	1.0K 1/6W 5
PR18	0RD0102F609	10 1/6W 5
PR19	0RD2200F609	220 1/6W 5
PR20	0RD2200F609	220 1/6W 5
PR21	0RD2200F609	220 1/6W 5
PR22	0RD2200F609	220 1/6W 5
PR23	0RD2200F609	220 1/6W 5
PR24	0RD2200F609	220 1/6W 5
PR25	0RD1001F609	1.0K 1/6W 5
PR26	0RD0102F609	10 1/6W 5
PR27	0RD0102F609	10 1/6W 5
PR28	0RD2402F609	24K 1/6W 5
PR29	0RD1002F609	10K 1/6W 5
PR30	0RD1002F609	10K 1/6W 5
PR31	0RD2402F609	24K 1/6W 5
PR32	0RD6802F609	68K 1/6W 5
PR33	0RD2200F609	220 1/6W 5
PR34	0RD2200F609	220 1/6W 5
PR35	0RD2200F609	220 1/6W 5
PR36	0RD2200F609	220 1/6W 5
PR37	0RD1001F609	1.0K 1/6W 5
PR38	0RD4300F609	430 1/6W 5
PR39	0RD0102F609	10 1/6W 5
PR40	0RD2202F609	22K 1/6W 5
PR42	0RD2202F609	22K 1/6W 5
PR43	0RD2200F609	220 1/6W 5
PR44	0RD2200F609	220 1/6W 5
PR45	0RD0102F609	10 1/6W 5
PR46	0RD0682F609	68 1/6W 5
PR47	0RD4300F609	430 1/6W 5
PR48	0RD1001F609	1.0K 1/6W 5
PR49	0RD0102F609	10 1/6W 5
PR50	0RD0102F609	10 1/6W 5
PR51	0RD0752F609	75 1/6W 5%
R1	0RD2200F609	220 1/6W 5
R2	0RD1001F609	1.0K 1/6W 5
R3	0RD1002F609	10K 1/6W 5
R4	0RD3302F609	33K 1/6W 5%
R5	0RD2200F609	220 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R6	0RD4701F609	4.7K 1/6W 5%
R7	0RD1002F609	10K 1/6W 5
R8	0RD4702F609	47K 1/6W 5
R14	0RD2200F609	220 1/6W 5
R15	0RD2200F609	220 1/6W 5
R16	0RD4701F609	4.7K 1/6W 5%
R17	0RD4702F609	47K 1/6W 5
R18	0RD2200F609	220 1/6W 5
R19	0RD2200F609	220 1/6W 5
R20	0RD4701F609	4.7K 1/6W 5%
R21	0RD2200F609	220 1/6W 5
R22	0RD2200F609	220 1/6W 5
R23	0RD4701F609	4.7K 1/6W 5%
R24	0RD4701F609	4.7K 1/6W 5%
R26	0RD4700F609	470 1/6W 5
R27	0RD2200F609	220 1/6W 5
R28	0RD4701F609	4.7K 1/6W 5%
R29	0RD2200F609	220 1/6W 5
R30	0RD1003F609	100K 1/6W 5
R31	0RD2200F609	220 1/6W 5
R33	0RD1001F609	1.0K 1/6W 5
R34	0RD4703F609	470K 1/6W 5
R36	0RD2200F609	220 1/6W 5
R37	0RD1004F609	1.0M 1/6W 5
R39	0RD4702F609	47K 1/6W 5
R40	0RD2202F609	22K 1/6W 5
R41	0RD2200F609	220 1/6W 5
R42	0RD2200F609	220 1/6W 5
R43	0RD2200F609	220 1/6W 5
R44	0RD4701F609	4.7K 1/6W 5%
R45	0RD2200F609	220 1/6W 5
R46	0RD4701F609	4.7K 1/6W 5%
R47	0RD2200F609	220 1/6W 5
R48	0RD4701F609	4.7K 1/6W 5%
R49	0RD2200F609	220 1/6W 5
R50	0RD4701F609	4.7K 1/6W 5%
R51	0RD2200F609	220 1/6W 5
R52	0RD2200F609	220 1/6W 5
R53	0RD4701F609	4.7K 1/6W 5%
R54	0RD2200F609	220 1/6W 5
R55	0RD4701F609	4.7K 1/6W 5%
R56	0RD2200F609	220 1/6W 5
R57	0RD4701F609	4.7K 1/6W 5%
R58	0RD2200F609	220 1/6W 5
R59	0RD4701F609	4.7K 1/6W 5%
R60	0RD2200F609	220 1/6W 5
R61	0RD2200F609	220 1/6W 5
R62	0RD4701F609	4.7K 1/6W 5%
R63	0RD2200F609	220 1/6W 5
R64	0RD2200F609	220 1/6W 5
R65	0RD2200F609	220 1/6W 5
R66	0RD3001F609	3.0K 1/6W 5
R69	0RD2200F609	220 1/6W 5
R71	0RD2200F609	220 1/6W 5
R73	0RD2200F609	220 1/6W 5

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LOCA. NO	PART NO	DESCRIPTION
R74	0RD4701F609	4.7K 1/6W 5%
R75	0RD1501F609	1.5K 1/6W 5
R77	0RD1501F609	1.5K 1/6W 5
R78	0RD3301F609	3.3K 1/6W 5
R79	0RD4300F609	430 1/6W 5
R80	0RD3301F609	3.3K 1/6W 5
R81	0RD4300F609	430 1/6W 5
R82	0RD3301F609	3.3K 1/6W 5
R83	0RD4300F609	430 1/6W 5
R84	0RD1002F609	10K 1/6W 5
R85	0RD5100F609	510 1/6W 5
R93	0RD1502F609	15K 1/6W 5
R101	0RD3901H609	3.9K 1/2W 5
R102	0RD1001F609	1.0K 1/6W 5
R103	0RD0102F609	10 1/6W 5
R104	0RD1001F609	1.0K 1/6W 5
R105	0RD4701F609	4.7K 1/6W 5%
R106	0RD1001F609	1.0K 1/6W 5
R107	0RD1001F609	1.0K 1/6W 5
R109	0RD0102F609	10 1/6W 5
R110	0RD0102F609	10 1/6W 5
R201	0RD2403F609	240K 1/6W 5
R202	0RD2403F609	240K 1/6W 5
R203	0RD2403F609	240K 1/6W 5
R204	0RD2403F609	240K 1/6W 5
R205	0RD0822F609	82 1/6W 5%
“(25”)	0RD0752F609	75 1/6W 5%
R206	0RD1003F609	100K 1/6W 5
R211	0RD1001F609	1.0K 1/6W 5
R218	0RD0822F609	82 1/6W 5%
“(25”)	0RD0752F609	75 1/6W 5%
R219	0RD0752F609	75 1/6W 5%
R250	0RD0822H609	82 1/2W 5
“(25”)	0RD0752H609	75 OHM 1/2W 5%
R302	0RD3301F609	3.3K 1/6W 5
R303	0RD4700F609	470 1/6W 5
R304	0RN2702F409	27K 1/6W 1%
R305	0RD3303F609	330K 1/6W 5
R307	0RN2201F409	2.2K 1/6W 1%
R308	0RN1001F409	1K 1/6W 1%
R309	0RD3303F609	330K 1/6W 5
R310	0RD1501F609	1.5K 1/6W 5
R311	0RS0561H609	5.6 1/2W 5
R315	0RN4702F409	47K 1/6W 1%
R318	0RD0221H609	2.2 1/2W 5
R319	0RS6800H609	680 1/2W 5
R320	0RS6800H609	680 1/2W 5
R326	0RD6201F609	6.2K 1/6W 5
R327	0RD6801F609	6.8K 1/6W 5
“(25”)	0RD6201F609	6.2K 1/6W 5
R328	0RS0151K607	1.5 2W 5%
R331	0RN3301F409	3.3K 1/6W 1%
R334	0RN6201F409	6.2K 1/6W 1%
R335	0RN6801F409	6.8K 1/6W 1%
“(25”)	0RN6201F409	6.2K 1/6W 1%

LOCA. NO	PART NO	DESCRIPTION
R348	0RD1802F609	18K 1/6W 5
R416	0RS3000K607	300 2W 5%
“(25”)	0RS2200K607	220 2W 5%
R418	0RD1001F609	1.0K 1/6W 5
R419	0RD2401H609	2.4K 1/2W 5
R423	0RS1801H609	1.8K 1/2W 5
R434	0RS2701H609	2.7K 1/2W 5
R435	0RS1501H609	1.5K 1/2W 5
R436	0RS1501H609	1.5K 1/2W 5
R438	0RS1802H609	18K 1/2W 5
“(25”)	0RS2202H609	22K 1/2W 5
R439	0RS3901H609	3.9K 1/2W 5
R441	0RS2002H609	20K 1/2W 5
R442	0RD4701F609	4.7K 1/6W 5%
R443	0RD0472F609	47 1/6W 5%
R481	0RS0330K607	0.33 2W 5%
R482	0RS1002H609	10K 1/2W 5
“(25”)	0RS5601H609	5.6K 1/2W 5
R483	0RD2202H609	22K 1/2W 5
R484	0RD1501F609	1.5K 1/6W 5
R501	0RD1001F609	1.0K 1/6W 5
R502	0RD1001F609	1.0K 1/6W 5
R503	0RD1001F609	1.0K 1/6W 5
R504	0RD3600F609	360 1/6W 5
R505	0RD3900F609	390 1/6W 5
R506	0RD2200F609	220 1/6W 5
R507	0RD2200F609	220 1/6W 5
R508	0RD2200F609	220 1/6W 5
R509	0RF0102H609	10 1/2W 5
R511	0RD2201F609	2.2K 1/6W 5
R512	0RD1001F609	1.0K 1/6W 5
R513	0RD2000F609	200 1/6W 5
R514	0RD1502F609	15K 1/6W 5
R515	0RD5102F609	220 1/6W 5
R516	0RD1802F609	51K 1/6W 5
R518	0RD1000F609	100 1/6W 5
R519	0RD1000F609	100 1/6W 5
R520	0RD1000F609	100 1/6W 5
R521	0RN1002F409	10K 1/6W 1
R522	0RD1000F609	100 1/6W 5
R523	0RD2200F609	220 1/6W 5
R524	0RD2200F609	220 1/6W 5
R526	0RD0102F609	10 1/6W 5
R527	0RD0102F609	10 1/6W 5
R528	0RD1000F609	100 1/6W 5
R529	0RD3301H609	3.3K 1/2W 5
R530	0RD6804F609	6.8M 1/6W 5
R532	0RD1000F609	100 1/6W 5
R533	0RD1002F609	10K 1/6W 5
R538	0RD4700F609	470 1/6W 5
R539	0RD1000F609	100 1/6W 5
R540	0RD0102F609	10 1/6W 5
R541	0RD1000F609	100 1/6W 5
R544	0RD8201F609	8.2K 1/6W 5
R545	0RD0102F609	10 1/6W 5

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RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R546	0RD4701F609	4.7K 1/6W 5%
R547	0RD1002F609	10K 1/6W 5
R548	0RD3901F609	3.9K 1/6W 5
R549	0RD1202F609	12K 1/6W 5
R550	0RD3303F609	330K 1/6W 5
R551	0RD3300F609	330 1/6W 5
R552	0RD1000F609	100 1/6W 5
R554	0RD4700F609	470 1/6W 5
R555	0RD1001F609	1.0K 1/6W 5
R569	0RD1001F609	1.0K 1/6W 5
R570	0RD3304F609	3.3M 1/6W 5
R571	0RD3304F609	3.3M 1/6W 5
R572	0RD3304F609	3.3M 1/6W 5
R577	0RD2200F609	220 1/6W 5
R591	0RD4700F609	470 1/6W 5
R592	0RD5100F609	510 1/6W 5
R601	0RD0102F609	10 1/6W 5
R602	0RD1002F609	10K 1/6W 5
R603	0RD1002F609	10K 1/6W 5
R604	0RD0472F609	47 1/6W 5%
R605	0RD0472F609	47 1/6W 5%
R606	0RD1501F609	1.5K 1/6W 5
R607	0RD1501F609	1.5K 1/6W 5
R608	0RD0471H609	4.7 1/2W 5
R609	0RD0471H609	4.7 1/2W 5
R610	0RD3901F609	3.9K 1/6W 5
R612	0RD1601F609	1.6K 1/6W 5
R613	0RD3901F609	3.9K 1/6W 5
R614	0RD1601F609	1.6K 1/6W 5
R615	0RD0102F609	10 1/6W 5
R616	0RD1001F609	1.0K 1/6W 5
R617	0RD1001F609	1.0K 1/6W 5
R618	0RD1002H609	10K 1/2W 5
R801	180-822M	15W 1.0 OHM J
R803	0RD1502F609	15K 1/6W 5
R804	0RD1000H609	100 OHM 1/2 W 5%
R805	0RS2202K607	22K 2W 5%
R806	0RS2202K607	22K 2W 5%
R807	180-A01P	0.13 OHM 2 W 5%
R808	0RS0152K607	15 2W 5%
R809	0RD0680H609	0.68 1/2W 5
R810	0RS0152K607	15 2W 5%
R811	0RD1202H609	12K 1/2W 5
R812	0RD4701H609	4.7K 1/2W 5
R813	0RD2201F609	2.2K 1/6W 5
R814	0RD1001F609	1.0K 1/6W 5
R815	0RD0680H609	0.68 1/2W 5
R816	0RD1201F609	1.2K 1/6W 5
R820	0RD1001H609	1K OHM 1/2 W 5%
R821	0RD0101H609	1.0 1/2W 5
R822	0RD1002F609	10K 1/6W 5
R823	0RD4702F609	47K 1/6W 5
R824	0RD2202H609	22K 1/2W 5
R825	0RD2202H609	22K 1/2W 5
R826	0RS0472K607	47 2W 5%

LOCA. NO	PART NO	DESCRIPTION
R827	0RD2001F609	2.0K 1/6W 5
R828	0RD7501F609	7.5K 1/6W 5
R829	0RD1001F609	1.0K 1/6W 5
R830	0RD1502F609	15K 1/6W 5
R831	0RS0121K607	1.20 2W 5%
R832	0RD2702F609	27K 1/6W 5
R838	0RF0680J607	0.68 1W 5
R840	0RD2703H609	270K 1/2W 5
R841	0RS0102K607	10 2W 5%
R842	0RS0102K607	10 2W 5%
R843	0RS0392K607	39 2W 5%
R844	0RF0121J607	1.2 1W 5%
R845	180-A04A	5W 2.20 J
R850	0RKZVTA001C	8.2M OHM 1/2W 5%
R851	0RKZVTA001K	0.47M OHM 1/2W 5%
R880	0RD1001F609	1.0K 1/6W 5
R900	0RD6801F609	6.8K 1/6W 5
R902	0RN3302F409	33K 1/6W 1%
R903	0RS6202K607	62K 2W 5%
R904	0RD1502F609	15K 1/6W 5
R905	0RD1201F609	1.2K 1/6W 5
R906	0RN1803F409	180K 1/6W 1%
R907	0RS6202K607	62K 2W 5%
R908	0RCZVTA002B	1.0K OHM 1/2W 10%
R909	0RD1001F609	1.0K 1/6W 5
R910	180-D02E	2W 1.0
R911	0RD6200F609	620 1/6W 5
R912	0RN2001F409	2K 1/6W 1%
R914	0RD2701F609	2.7K 1/6W 5
R915	0RD1201F609	1.2K 1/6W 5
R916	0RKZVTA001A	2.2M OHM 1/2W 5%
R917	0RD1803H609	180K 1/2W 5
R918	0RS6202K607	62K 2W 5%
R919	0RD1000F609	100 1/6W 5
R921	0RN1501F409	1.5K 1/6W 1
R924	0RD4702F609	47K 1/6W 5
R925	0RD4701F609	4.7K 1/6W 5%
R926	0RD6201F609	6.2K 1/6W 5
R929	0RD2701F609	2.7K 1/6W 5
R930	0RCZVTA002B	1.0K OHM 1/2W 10%
R938	0RCZVTA002B	1.0K OHM 1/2W 10%
R946	0RD1201F609	1.2K 1/6W 5
R947	0RD2701F609	2.7K 1/6W 5
R1001	0RD2200F609	220 1/6W 5
R1003	0RD2203F609	220K 1/6W 5
R1004	0RD2203F609	220K 1/6W 5
R1021	0RD2200H609	220 1/2W 5%
R1022	0RD2200H609	220 1/2W 5%
R1023	0RD0822F609	82 1/6W 5%
R1024	0RD0752F609	75 1/6W 5%
R1601	0RD2200F609	220 1/6W 5
R1602	0RD2200F609	220 1/6W 5
R1603	0RD1001F609	1.0K 1/6W 5
R1608	0RD1001F609	1.0K 1/6W 5
R1610	0RD1001F609	1.0K 1/6W 5

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R1611	0RD1001F609	1.0K 1/6W 5
R1612	0RD1001F609	1.0K 1/6W 5
R1622	0RD4701F609	4.7K 1/6W 5%
R1623	0RD1001F609	1.0K 1/6W 5
R1624	0RD1001F609	1.0K 1/6W 5
R1625	0RD4701F609	4.7K 1/6W 5%
R1627	0RD1001F609	1.0K 1/6W 5
R1628	0RD1001F609	1.0K 1/6W 5
R1629	0RD1001F609	1.0K 1/6W 5
R1630	0RD1001F609	1.0K 1/6W 5
R1633	0RD4700F609	470 1/6W 5
R1634	0RD2402F609	24K 1/6W 5
R1635	0RD6202F609	62K 1/6W 5
R1637	0RD0102F609	10 1/6W 5
R1638	0RD1001F609	1.0K 1/6W 5
R1639	0RD1001F609	1.0K 1/6W 5
R1640	0RD1501F609	1.5K 1/6W 5
R2901	0RD9100F609	910 1/6W 5
R2906	0RD6800F609	680 1/6W 5
R2907	0RD1600F609	160 1/6W 5
R2908	0RD3901F609	3.9K 1/6W 5
R2909	0RD5600H609	560 1/2W 5
R2921	0RD4700H609	470 1/2W 5%
R2922	0RD3300H609	330 1/2W 5
R2928	0RD0222F609	22 1/6W 5
R2929	0RD0222F609	22 1/6W 5
R2930	0RD0102F609	10 1/6W 5
R2931	0RD0222F609	22 1/6W 5
R2932	0RD0822F609	82 1/6W 5%
R2933	0RD0822F609	82 1/6W 5%
R2934	0RF0102J607	10 1W 5%
R2935	0RD1202H609	12K 1/2W 5
R2936	0RS6801H609	6.8K 1/2W 5
R2937	0RD6802H609	68K 1/2W 5
R2938	0RD6802H609	68K 1/2W 5
R2939	0RS6801H609	6.8K 1/2W 5
R2940	0RS4701H609	4.7K 1/2W 5
R2941	0RS4701H609	4.7K 1/2W 5
R2942	0RS1500H609	150 1/2W 5
R2943	0RD0271H609	2.7 1/2W 5
R2944	0RS1500H609	150 1/2W 5
R2945	0RD0271H609	2.7 1/2W 5
R2946	0RS6800J607	680 1W 5%
R2947	0RS6800J607	680 1W 5%
R2955	0RD2201H609	2.2K 1/2W 5
R2956	0RD1000F609	100 1/6W 5
R2959	0RD2701F609	2.7K 1/6W 5
R2960	0RD3600F609	360 1/6W 5
R2990	0RD1502F609	15K 1/6W 5
RD4	0RD4701F609	4.7K 1/6W 5%
RD22	0RD4701F609	4.7K 1/6W 5%
SPARK GAP		
SG901	6918VRA001A	SPARK GAP,DSP-301N-C04F 300V 5MM
SG902	6918VRA001A	SPARK GAP,DSP-301N-C04F 300V 5MM
SG903	6918VRA001A	SPARK GAP,DSP-301N-C04F 300V 5MM
SWITCH		
SW1	140-275B	SWITCH,PUSH JDPB21NA 30V 0
SW2	140-315A	SWITCH,TACT SKHV17910B 12V
SW3	140-315A	SWITCH,TACT SKHV17910B 12V
SW4	140-315A	SWITCH,TACT SKHV17910B 12V
SW5	140-315A	SWITCH,TACT SKHV17910B 12V
SW6	140-315A	SWITCH,TACT SKHV17910B 12V
SW7	140-315A	SWITCH,TACT SKHV17910B 12V
CRYSTAL		
PX01	156-A02X	CRYSTAL,HC49U 27.000MHZ 2
X1	156-A01P	CRYSTAL,HC49U 8.000MHZ 30
X501	156-A01A	CRYSTAL,HC49U 3.575611MHZ
X502	156-A01B	CRYSTAL,HC49U 3.579545MHZ
X503	156-A01D	CRYSTAL,HC49U 3.582056MHZ
X1601	156-A02M	CRYSTAL,HC49U 8.432MHZ 30P
MISCELLANEOUS		
LD1	162-002B	DIODE,LED ASSY (MC51A,M-8.9)
P1002	366-922C	WAFER,2.5MM 4P GIL-G LG CABLE R/A (B
PA01	106-048C	PRE-AMP,SBX3077-02
RL801	141-018E	RELAY,DG12D1-0(M)-2 12V44MA
SK901	6620VBD001A	SOCKET,PCS701A 9P 14/3
“(25”)	6620VBC001A	SOCKET,CPT 29.1 PHI SINGLE
TH801	163-051F	THERMISTOR,PTC J503P84D140M290Q JA HWA +/- 20
TU101	6700VNF003C	TUNER,TGBH3-B01A LGEC NTSC(181CH) 2-
VA801	164-003D	VARISTOR,SVC 561D-14A
ACCESSORIES		
A1	3828VA0173G	MANUAL,OWNERS MC99GA LG EN/SP
“	3828VA0173J	MANUAL,OWNERS MC99GA *LGEPR,COELSA
“	3828VA0173H	MANUAL,OWNERS MC99GA *MEXICO
“(25”)	3828VA0173M	MANUAL,OWNERS MC99GA 25” *MEXICO
“	3828VA0173P	MANUAL,OWNERS MC99GA 25” *PERU
“	3828VA0173N	MANUAL,OWNERS MC99GA 25” *LGEPS
A2	6710V00012R	REMOTE CONTROLLER,MC-99GA EYE
“(25”)	6710V00012S	REMOTE CONTROLLER,MC-99GA EYE(NO PIP)
A3	450-C07C	ADAPTER,RF CONNECTING ANT